modern PHOTOGRA V

CAMERA BUYING GUIDE!

USED CAMERA PRICES

HOW TO IDENTIFY MODELS

SERIAL NUMBER FACTS

FEATURES OF MORE THAN
150 NEW & USED CAMERAS

SPECIAL REPORTS:

ROLLEIFLEX 2.8D

YEW OMEGA ENLARGERS

TROBONAR VII

WAKRO-KILAR LENSES

WEW STEREO REALIST

LOTHER NEW EQUIPMENT

Take a tip from HOLLYWOOD!

Film strip from Samuel Goldwyn's "Guys and Dolls" Starring Marlon Brando, Jean Simmons, Frank Sinatra and Vivian Blaine. in Cinema Scope and Color . distributed by MGM.

Long Shots set the mood

0













Close-ups add impact



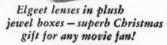
Now! Adapt Hollywood's methods to your home movies

For long shots switch to a wide angle lens-widens the view to 4 times the area of your present lens. For close-up impact use a telephoto lens - telescopes the view for 3 times the magnification.

There's a complete line of Elgeet movie lenses-for every camera-for every budget! Elgeet lenses are designed and guaranteed to last a lifetime. Ask your favorite photo dealer to show you the Elgeet wide angle and telephoto "twosome" that best fits your needs. You owe it to your audience!

Budget-priced Cinematar lenses start at \$17.95 Superb, custom-quality Navitars, low as \$25.75

Write for information. Add 10¢ for valuable 32 page, illustrated booklet "TAKE A TIP FROM HOLLYWOOD." Makes more exciting movies a snap!



laeet Gift Tip



OPTICAL COMPANY, INC. 832 SMITH STREET . ROCHESTER, N. Y. Makers of The World's Finest Lenses

But does he have a camera that gives him a finished print 60 seconds after he takes a picture? Does he have a camera that gives him a second chance—that lets him see his results right on the spot so he can take a picture right over if somebody made a face or the composition wasn't just

right? Does he have a camera that's so much fun to use that you can build a whole party around it—or make new friends on vacation in less time than it takes to introduce yourself? Does he have a camera that uses the newest kind of film in the world—a

OK- so he <u>has</u> a camera

Land Camera. You can do things with it that are just downright impossible with any other camera. It's the only camera of its kind in the whole world.

Even if he already has a couple of cameras — think about getting him one of these. It's the most

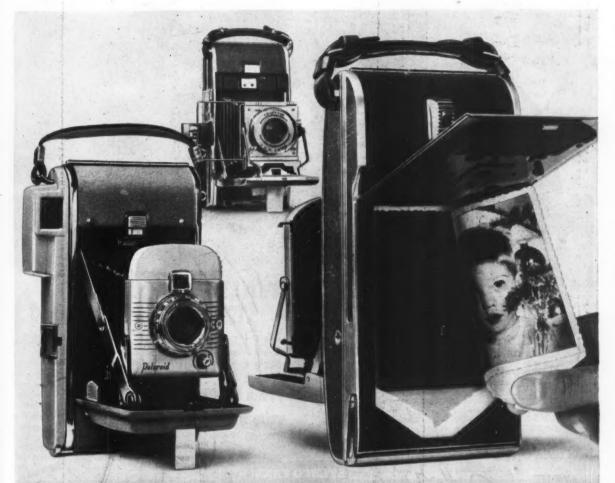
There is no end to the advantages of owning a Polaroid

of these. It's the most exciting Christmas gift you can give him. You can put it under the tree with his name on it for

with his name on it for as little as \$1.19 a week. Drop into any camera dealer's for a demonstration. Ask to see the sample Polaroid Land

pictures he has. And if you've got a spare minute, let him take your picture. You'll be sold. Left to right: Polaroid Highlander, \$69.95; Pathfinder, \$249.50; and Speedliner, \$89.75.

film so fast you can take delicate pictures in soft light, pictures that never before were possible? Does he have a camera that's so versatile, so useful in so many ways...that three out of five owners use it in their work as well as for fun?



the world's only camera that gives him a finished print in 60 seconds the amazing POLAROID Land CAMERA with remarkable new film

MODERN PHOTOGRAPHY (combined with Minicam) is published menthly by the Photography Publishing Corp., 33 West 60th Street, New York 23, N. Y. Reentered as Second Class matter at the Post Office at New York, under the Act of March 3, 1879; additional entry at Greenwich, Connecticut. Yearly subscription price is \$4.00 in U.S.A. and possessions, \$4.50 in Canada, \$6.00 in Pan-American Union and Philippines. Elsewhere, \$8.00. Single Copies 35c; Canada 40c. Elsewhere, 75c. December, 1955, Vol. 19, No. 12.

Get the Most Out of LIFE!



COLOR PRI

for as little as 25c each!

All the original beauty of your precious transparencies faithfully reproduced as only LIFE COLOR can'l you get custom-quality prints, individually color-controlled by the latest electronic equipment . . . compensated for over

Dept. M-12

and underexposures!

204 Washington Avenue • Albany, New York

21/2 x 31/2 40c 31/2 x 31/2 50c 31/4 x 4

THIS ALBUM YOURS FREE!

Included with each order of 6 prints of only I size "Wallet," 2/2x3/2, 3/2x3/2, 3/4x4 and 4x5 sizes only. Extra individual blank albums to hold 6 color prints of the same size, only 50c each.

All orders are returned by first class mail insured.

No C.O.D., please. Minimum order \$1.00.

HISCO and ENTACHROME color rolls developed





Built-in automatic projection at its very best! No attachments—no "rigging" of any kind! A sweetheart of a projector that works just as easily as the automatic transmission of your car! All you do is flick the switch and the next slide appears on the screen—brilliantly, silently—and in perfect focus. Projects forward or backward and returns each slide to its proper tray position when the next slide is automatically projected. Exclusive visual slide selector permits selection and projection of any slide in the tray—at any time—in any sequence. Precision shutter coupled with the changer eliminates eyetiring "White Flash" on screen in between slide projection. Fast, Luxtar 5" F/3.5 coated color-corrected anastigmat lens. Cord recessed in novel "Tuck-a-Way" compartment. Completely self-contained in smart airplane-lugage type case.

300 watt motor-fan cooled, 2 x 2 and Bantam slide projector — 110-120 volt, A.C. Beautifully designed, self-contained, built-in automatic slide changer, complete in slip-on aircraft luggage type case. Every aspect of this Viewlex beauty is a noteworthy feature! All-aluminum high-pressure castings for long and rugged service. Duo-toned hardened finish. Completely rust proofed. Accommodates any type of mount - or intermixed. Built-in storage compartment for extra tray. Lamp and individually king size mounted optics readily accessible. Blower lamp switch automatically starts cool air circulation before lamp is turned on. New "refrigerator" blower provides amazingly cool operation and prolongs lamp life. Self levelling spring lock tilt control. So quiet in operation you won't hear it unless you actually listen for it. Compact and light in weight. Entire unit measures only $13^{\prime\prime}$ x $9^{\prime\prime}$ x 8 in case.

ASK FOR A FREE DEMONSTRATION AT BETTER CAMERA STORES EVERYWHERE

JELLEN INC. 35-01 QUEENS BOULEVARD, LONG ISLAND CITY 1, N.Y.



. 149.50 Special 4750

Reg. 85.00

COMPLETE WITH CASE

SPECIAL 37.50

EXAKTA OWNERS!

SAVE 50%! Brand New

MAIL ORDERS

New Prism Finder

precision Swiss made Cine-sold for \$22.50. It is now red at a 8-1-G Saving. It almost any movie camera is 64 different effects and is including fade-ins, fade-lissolves. As PICON

Reg. \$22.50

\$12.95

Famous precision lenses from Wes Germany for: Kine Exakta, Exa Pentacon, Confax S & D, Praktifex Praktica & ConSol. All lenses cade and all (except 40mm) have pre-set

MACHINE MACHINE WAS A STREET SAVE 45%

BOLSEY CINE-FADER

		Reg.	SPEC.	
40mm	14.5	\$50.00	324.95	100
85mm	12.0	124.50	82.95	8
100mm	12.8	69.95	46.63	Š,
135mm	13.5	74.95	49.93	
180mm	15.5	79.95	53.30	
250mm	f5.5	124,50	82.95	ø
		5 15 10 10 10		RX,

SPECIAL 8.95

SAVE ON KODACHROME * FILM! SPECIAL

2.89 3.59 8.01 5.36 2.51 3.81 3.59 1.45

Specify Daylight or Indoor

* ALL FRESH LATEST DATED.
FACTORY PACKED.

SAVE 331/3%! FOR 8mm MOVIE CAMERA

ACCESSORY LENSES ... BRAND NEW! 11/2" f2.5 Telephote 11/2" f1.9 Telephote 7mm f2.5 Wide Angle 7mm f1.9 Wide Angle 17.75 24.75 17.75 ALL LENSES ARE COATED

THE PERFECT "Gift Giving" MERCHANDISE

Special Attention is given to Christmas Shoppers! All Items

Thur

renteed for Xmas Delivery. 10% Down and it's Yours! DON'T DELAY ...



AUTOMATIC ROBOT Jr.

N-X SYNCHRONIZATIO

ONLY 69.50

THE RRAND NEW

crying Com 4.95 SPECIAL 22.5

SAVE OVER 50%! Brand New! High Quality! Japanese Coated BINOCULAR SALE!

8mm & 16mm MOVIE CAMERAS

Movie Camera Values Bell & Howell

SLIDE PROJECTORS:

ACT TODAY!

LEICA, CONTAX, NIKON, CANON

ROLL FILM CAMERAS

BUY WITH CONFIDENCE!

Haber & Fink inc.

12 WARREN ST. NEW YORK 7,

HABER & FINK, inc.
12 WARREN STREET, NEW YORK 7, N. Y. DEPT. M3

INCLUDE POSTAGE

name

MAIL ORDERS

address. state



EDIXA

WITH RAPID-WINDING LEVER, captures famous dance team Mr. and Mrs.

ARTHUR MURRAY

doing the Cha-Cha!

EDIXA



The edixa rangefinder model C is the only popular-priced 35-mm camera with all • these • features in one camera, and which sells for under \$50! You would expect these features only in high priced, expensive cameras! • Automatic Rapid-Winding Lever—a flick of your finger on the lever permits you to take a series of shots in seconds. • Fast F/2.8 color corrected lens gives you pictures that are razor-sharp, in color and black-and-white. • RANGEFINDER is automatically coupled and scientifically balanced to assure pin-point sighting and focusing. • Chronometer-accurate shutter has speeds to 1/200th for action. • Built-in self-timer permits you to step into the picture. • Built-in flash for flash-

bulbs and strobe flash. • Double exposure prevention built into camera. • New wide sweeping optical view-finder gives you a picture-window panoramic view of your subject. • Unparalleled precision micrometer-geared film frame counter automatically shows number of pictures exposed. • The Edixa is custom finished in black morocco leather and satin chrome.

EDIXA COUPLED RANGEFINDER MODEL C with Rapid-Winding Lever, F/2.8 Color Corrected Lens, Pronto Shutter with speeds to 1/200 second, Self-\$495 Timer and Built-in Flash.....only

See this New EDIXA RANGEFINDER MODEL C camera at your local dealer or write for colorful brochure.

WIRGIN BROTHERS · EDIXA CAMERA WORKS

WIESBADEN, GERMANY . SINCE 1922

U.S.A. OFFICE: 705 BRONX RIVER ROAD, BRONXVILLE B, N. Y. CANADA: EDIXA CAMERA WORKS, 1191 UNIVERSITY STREET, MONTREAL

Presenting the New...



The New EXAKTA 66 Is Here! Exakta, universally acclaimed for its ingenious Exakta System, now brings to photographers around the world, the EXAKTA 66 ... an inimitable single-lens reflex camera in the 21, x 25, inch size, with these purposeful Exakta features: freedom from parallax • 29 shutter settings from 1/1000th to 12 full seconds • delayed action self-timer • automatic film transport and shutter cocking by one turn of the dial shutter release signal flag • double exposure prevention • device for intentional double exposure • interchangeable lenses • preset diaphragm lenses • interchangeable waist level viewinder condenser lenses providing brighter images for focusing • powerful magnifier for critical focusing • removable film magazines for easy loading • film note device • fully synchronized for regular and electronic flash • adjustable scale for flash delay within 0-20 millisectond range • takes bellows extensions, extension tubes and microscope adapters. The EXAKTA 66 with 80-mm. 1/2.8 Zeiss Tessar Preset Diaphragm Lens is priced at \$319.50. We invite you to inspect the exciting New EXAKTA 66 at your dealer.

EXAKTA CAMERA COMPANY, 705 Bronx River Road, Bronxville 8, N. Y.

Exclusive Factory Appointed Representatives in the U.S.A. for sales & Service of Exakta and Exa Cameras

compact convenient and accurate



LEICA-METER 2

The LEICA-METER 2 is a precision photoelectric instrument-accurate, dependable and easy to operate even with one hand! With the supersensitive booster cell in place (for readings in dim light), the meter has a measuring range of 1/1000th of a second to 120 seconds. Readings by either reflected or incident light.

LEICA-METER 2 fits into accessory shoe of Leica, into retainer plate on chain, or can be carried separately.

Included with the LEICA-METER 2 are: booster cell, incident light adapters. carrying case, retainer plate and

LEICA-METER 2, complete . . . \$24.00



E. LEITZ, INC.

468 FOURTH AVENUE, NEW YORK 16, N. Y.

modern PHOTOGRA

ARTICLES

59	CAMERA	BUYING	GUIDE.	by	N.	M.	Grossman	and
						Aug	ustus Wolfr	nan

- 60 35MM CAMERAS, ALL TYPES
- REFLEX CAMERAS, 21/4 x 21/4 AND SMALLER SIZES
- FOLDING ROLL FILM CAMERAS
- 133 MISCELLANEOUS CAMERAS

83 SPECIAL REPORTS SECTION

- 84 NEW MAKRO-KILAR LENS by Cora Wright
- NEW ROLLEIFLEX 2.8D.....by Herbert Keppler 88
- NEW COLOR SYSTEM FOR ROLLEI
- NEW 3-D STEREO GRAPHIC
- NEW REALIST 45 STEREO
- NEW CORBINA 35MM REFLEX
- 93 NEW HEILAND STROBONAR SEVEN by Charles Hellman
- 94 NEW LINE OF OMEGA ENLARGERS...... by John Wolbarst
- 111 JAPANESE-MADE, RAPID-WIND RICOH 35 IS IMPORTANT ENTRY IN UNDER \$75 BRACKET
- POLAROID OWNERS! ARE YOU GETTING RESULTS LIKE THIS?
- 169 NEW LINE OF TWIN-LENS CAMERAS FROM JAPAN: SOLIGOR
- 170 FR MAKES NOVEL ONE-SHOT LIQUID DEVELOPER PACKET

MOVIE SECTION

- DR. CINEMA SAYS: GO FROM LONG SHOT TO CLOSEUP BY PUTTING YOUR CAMERA ON WHEELS
- 100 FAST NEW MOVIE FILM: ANSCOCHROME
- 102 FILM WIDE ANGLE-TELEPHOTO SCENES WITH NEW DUAL LENS

DEPARTMENTS

- 12 COFFEE BREAK WITH THE EDITORS
- 21 NEW PRODUCTS
- MODERN STEREO: HOW ABOUT STEREO FOR XMAS GIFT......by Tommy Thomas
- 116 SALON CALENDAR
- NEW PHOTO BOOKS
- 124 FREE LITERATURE FOR MODERN'S READERS
- CAMERA CLUBS: ENTERTAIN A NEIGHBORING 140 CAMERA CLUB AT YOUR XMAS PARTY.....by Mabel Scacheri
- 143 LAST WORD: LETTERS FROM OUR READERS

AUGUSTUS WOLFMAN, Editor-in-Chief EVERETT GELLERT, Publisher MARTIN E. SIEGEL, Business Manager

JACQUELYN JUDGE, Editor JOHN WOLBARST, Man. Ed.

HERBERT KEPPLER, Assoc. Man. Ed. CORA WRIGHT, Assoc. Ed. DOROTHY JACKSON, Assoc. Ed. HILDA FRIEDLAND, Edtl. Asst. ANTHONY PALAGONIA, Art Asst. FAY TRAVERS, Production Dir.

ERNEST G. SCARFONE, Art Director

ROBERT DORIN, Advtg. Mgr. MILTON GORBULEW, Circ. Mgr.

COPYRIGHT 1935, PHOTOGRAPHY PUBLISHING CORP., 33 WEST 60 ST., NEW YORK 23, N. Y. PHONE: PL 7-3700. CHICAGO OFFICE: 333 N. MICHICAN BLVD., CHICAGO, ILL. PHONE: ADDORER 3-7132, 7133. CALIFORNIA OFFICE: 1140 WILSHIRE RUYD., LOS ANCELES 17, CALIF. PHONE: MADISON 9-2081. YEARLY SUBSCRIPTION, \$4.00 IN U.S.A. AND POSSESSIONS, \$4.50 IN CANADA, \$6.00 IN PAN-AMERICAN UNION AND PHILIPPINES. RISEWHERE, \$5.00. SINGLE COPIES, 35c, CAYADA, 40c, RISEWHERE, \$7.00.

Member Audit Bureau of Circulations

there's nothing like a

... and LEICA accessories



LEICA IIII

Aristocrat of the 35mm field, the LEICA IIIf is a masterpiece of camera design. Among its many outstanding features:

- Interchangeable lenses
- . Built in rangefinder-viewfinder
- · Shutter speeds from 1 to 1/1000 second
- Complete flash synchronization
- Exposure counter

LEICA IIIf with 50mm Summicron f/2 lens...\$336.00





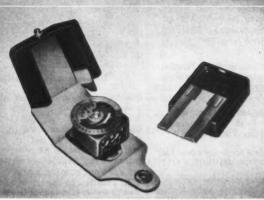
LEICA III

A Leica camera at a very attractive price. Identical with the LEICA IIIf (above) except for extra slow shutter speeds and self-timer. Everything on the LEICA III is designed for sasy, fast operation—built-in rangefinder...fully synchronized flash...shutter speeds from 1/25 to 1/1000 second, plus time and bulb. Ask your Leica franchised dealer to show you the remarkable, low-priced LEICA III.

LEICA-METER 2

The smallest, most efficient photoelectric meter ever made. Fits into clip on top of your LEICA... can be operated easily with one hand. Accessory booster cell for very dim light...adapters for incident light reading, in sturdy leather cases with carrying chain.

LEICA-METER 2\$18.00 with booster coll ...\$24.00



E. LEITZ, INC., 468 FOURTH AVENUE, NEW YORK 16, N. Y. Distributors of the world-famous products of Ernst Leitz, Wetzlar, Germany LENSES • CAMERAS • MICROSCOPES • BINOCULARS



CLUES. Nationally prominent magazine and advertising photographer, his historic and documentary photographs of the Far West have been published in three books. Author and illustrator of numerous texts on photography, he has faught the subject at a famous art school since 1931.



WIN AN ENTECO COMBINATION CASE!

Compact carrier case of topgrain cowhide is compartmented to hold your Lens Hood, Adapter Ring and up to eight filters. Available in Series V, VI, er VII.

Ten Enteco Combination Cases will be awarded as prizes to the FIRST TEN readers who write in correctly identifying the profile of this photographer.

FOR EVERY CAMERA OR LENS AN ENTECO ADAPTER RING!

Basic units for coupling any combination of filters, lenses and lens hood to your camera, Enteco Adapter Rings are precisely machined of strong, lightweight Duraluminum and available in SLIP-ON, SCREW-IN and BAYONET types, Series IV-IX and 21.5 mm. Enteco's inventory and size range in



Adapter Rings is by far the greatest of any manufacturer. A complete listing of lenses and cameras accommodated is available free by writing Enteco.

Prices on Enteco Adapter Rings, Patented Adapter Rings, Step-Up Rings and Retaining Rings range from \$1.00 (Series IV) to \$8.00 (Series IX).

Insist on Enteco for America's finest Filters, Polarizers, Adapter Rings and Lens Hoods. Better pictures are yours — with ENTECO!



Coffee Break with the Editors

THIS MONTH'S COVER . . .

The personable young lady gracing this month's cover is 20-year-old Shirley MacLaine who will soon be gracing your local movie house in Alfred Hitchcock's *The Trouble With Harry* and Hal Wallis' Artists and Models. Miss MacLaine is the personification of the old Cinderella story. Producer Wallis found her in New York when he went to see the musical Pajama Game. He expected to see the star Carol Haney. But Miss Haney broke her ankle, and our heroine, the understudy, stepped in—to acclaim and a film contract.

Bud Fraker shot our cover in the studio gallery at Paramount Pictures. He used an 8×10 studio view camera, equipped with a 14-inch Kodak Ektar f/6.3 lens and Ektachrome film. His lighting was from six electronic flash lamps. The lens opening was f/11.

THE LAZY LIONS . . .

We saw a wonderful motion picture recently—Walt Disney's latest animal study, *The African Lion*. However, we hesitate to recommend it to married people, for it is certain to stir up a lot of old controversy. It's like this: Here's the king of beasts, magnificent with mane, muscles, and roar, and all he does is sit under the shade trees while the lioness does all the work.



Disneyman and Arriflex

She raises the cubs. She's always on guard. She hunts, drags the kill home, fights off the jackals, vultures and other intruders, until the Old Man finally consents to get up and eat a meal—after which he collapses gently into a corner to digest it while the lioness goes out hunting more.

In addition to the home life of lions, The African Lion also deals with all the creatures in the lion's domain. Elephant, impala, giraffe, rhino, hippo, monkey, leopard, zebra, cheetah, buffalo, and some others we forget—they're all there, shown in some of the most amazing footage you've ever seen. The film is the work of Al and

Elma Milotte, who spent three years at it. Photo facts: about 90 per cent of the film was shot with a single Arriflex 16mm camera equipped with a battery of tele lenses. It was shot on Commercial Kodachrome and enlarged to 35mm for presentation. Don't miss it!—J. W.

FRESH METER, GRADE A? . . .

Photographers should be prepared for all possible eventualities before leaving for an important assignment. Margery Lewis thought she was. On a previous assignment she had lost the small metal grid from her Brockway Director exposure meter. So, on a recent assignment in the Midwest, she was ready—with two extra metal grids.

One picture was to be taken in a hen coop. She whipped out her meter. But something was missing. The metal grid? No. The white plastic, round photosphere had fallen from the meter. She looked down. There were hundreds of white photospheres. How do you tell a real egg from a photographic one? For those who may perhaps find themselves in a similar situation Margery advises that a photosphereless Director meter will underexpose your negatives by at least two stops. Meanwhile. there's a hen in a coop somewhere in the Midwest, patiently awaiting the arrival of . . .

#1 PHOTOGRAPHER'S DILEMMA . . .

Versifier Saul Kahan says:

How awful it feels

To look down and find

After two or three reels,

You forgot to rewind!

HIGH SCHOOL EXCLUSIVE! . . .

High school students throughout the United States again have an opportunity to win honors and cash awards in the Eleventh Annual (1956) National High School Photographic Awards.

The Awards, sponsored by the Eastman Kodak Company, offers over 250 prizes, totaling \$5,000 in cash. Boys and girls attending daily any public, parochial or private school (grades 9-12) in the United States and its territorial possessions, are invited to enter pictures in this national competition, which is held exclusively for high school students. They can enter any number of photos they have taken themselves since April 1, 1955.

Judging will be done in four classes:
(1) School Activities (including ath(Continued on page 18)

For a Memorable Christmas!

ZEISS

Made in Vest German

CONTAX

The 35mm camera no professional or amateur will ever outgrow, for its interchangeable Zeiss lenses give it unlimited scope. Speeds to 1/1250. Has auto-focusing rangefinder. The model with built-in exposure meter is called Contax III-a.

IKOFLEX twin-lens reflex with Extrabrite focusing screen and f/3.5 Zeiss Tessar lens. Model I-a has a synchronized Prontor SV shutter with speeds to 1/300. Model II-a has Synchro Compur shutter with automatic film transport and speeds to 1/500.

CONTAFLEX. The most advanced of singlelens reflex cameras. Combines automatic ground-glass and rangefinder focusing. View is seen in full picture size, unreversed, right-side-up. Has Synchro Compur shutter; speeds to 1/500; Zeiss Tessar f/2.8 lens. Two models; Contaflex II with exposure meter.

CYINTAFLEX

You can be sure your gift will be highly appreciated if it bears the name ZEISS IKON. Smart design, meticulous craftsmanship and superb optical quality have made Zeiss Ikon cameras world renowned.

You'll find models to suit everyone—from the beginner to the advanced amateur or professional—and at a price you would like to pay.

At leading dealers. Write for literature.
CARL ZEISS, INC., 485 Fifth Avenue, New York 17

CONTINA. A new moderately-priced 35mm camera. Has rapid film wind, picture counter, self-timer, depth of field scale and Prontor SVS shutter to 1/300. Model II-a has built-in exposure meter and offers choice of Novar f/3.5 or Novicar f/2.8 lenses. Model I-a, without exposure meter, has Novar f/3.5

Ender Comment of the Comment of the

0



WITH THE

PROJECTION



ING

FICATIO

M. Lise.

and City, h.

abelia, Cameria

set, Abercremible a

sort, Aller Cemera

sort, Aller Cemera

when, I. Almen a Co.

when, I. Almen a Co.

week, I. vorti, Friart Comera Vorti, Grand Control Cas Vorti, Haber & Fini Vorti, Heine & Budet Vorti, Hajon Comera Vorti, III. H. Macy & Ca. Vorti, Master's Vorti, Mister's Vorti, Mister's Vorti, Mister's Vorti, Mister's

REVOLUTIONARY FEATURE! BUILT-IN IMAGE PROJECTION ... Gives Larger, Deep-Dimension Image!

RIVALS THE FINEST PROJECTORS IN NATURAL PICTURE QUALITY!

BRIGHTER IMAGE Actual tests show a brighter image than any other hand viewer . . . resulting in greater definition, depth and color clarity. Simply press the slide down to light.

DEEP DIMENSION So natural the image virtually emerges from the viewer...made possible by OPTA-VUE's dual lens *OPTACOR* system!

ACCLAIMED "Provides a 'man-size' image . . . more natural, brighter, deeper dimension."

-Hale Williamson, N. Y. World Telegram "Magnifies image area nine times—greater color clarity."
—N. Y. Times

"Greatly enlarged, brilliant image area . . . our staff en-thused." —Norman Lipton, Popujar Photography "Viewer a sensation." -L. A. Mirrer



New OPTA-VUE VIEWER CASE
Handsome all-wood carrying case, with a convenient compartment to hold 100 slides, Solid
construction, with attractive finish in maroon
leatherette. Coupled with the Opta-Vue, it makes
an ideal gift package.

Only \$3.95



ONE-STOP XMAS SHOPPING

QUICK, NO DELAY SERVICE FOR XMAS

SPECIAL RUSH. CALL YOUR ORDER COLLECT. JUdson 2-1419

HERE IS THE EXPOSURE METER YOU HAVE ALWAYS WANTED!

WE SEARCHED OUR BUYERS SCOURED AT HOME AND ARROAD



WE FOUND IT! NATIONALLY ADVERTISED FAMOUS NAME EXPOSURE METER

NOW 795 HEW Reg. Value \$15.95

FREE COURSE ON PRAKTICA **PHOTOGRAPHY** RAKTICA FX BRAND



f2.9 Ctd. Praktica Lens Reg. \$99.50

\$5350

f1.9 Coated Primoplan Preset Lens.	75.95
f2.8 Coated Tessar Preset Lens	75.95
f2 Coated Zeiss Preset Lens	99.95
Leather Eveready Case	8.50
Special Synchro Flash	7.95
Prism Finder	13.95

BIGGEST ACCESSORY BUY FOR YOUR CAMERA!

NORWOOD FLASHRITE OF SPEEDRITE METER



The Rangefinder alone is worth the pricel NORWOOD FLASHRITE (for flashbulbs) or HORWOOD SPEEDRITE (for electronic flash) ONLY

Reg. \$11.95 \$395



DIRECT FROM WORLD FAMOUS JAPANESE FACTORY TO YOU!

JUST LOOK AT THESE SPECIFICATIONS.

- us LODR AT YMERE SPECIFICATIONS—
 7.3. Sharp-cutting four Element Lens.
 Full Synchro M-X-F Shulter with Speeds From 1
 Full Second to 1,200 Sec.
 Fully Automatic Film Transport and Counter
 Platform I Film Mount Focusing
 Large Focusing Knob with Handy Film Remindes
 Boulf-in Self-Timer
 Builf-in Self-Timer
 Builf-in Self-Timer
 Builf-in Convenient Flash Shoe

- nt Flash She

Built-in Convenient Flash Pracision Die Cast Alumi

*RAND *4 9 50
Reg. Value \$139.50 SPECIAL

SAME MODEL AVAILABLE.

- SAME MODEL AVAILABLE—
 With Shutter Speeds up to 1/200 sec.
 M.X.F. Synchro Shutter
 Large Focusing Knob
 Platform Twin Mount Focusing (only found in cameras over \$145.00
 Precision Die Cast Aluminum Construction
 F1:35 Coated Lens

Reg. Value \$109.00 2995 SPECIAL

Place your order today!—If you do not feel that your purchase is an exceptional value at twice our special price . . . your money will be cheerfully refunded in full, including transportation charges.

NOW- 3-LENS TURRET CAMERA for the PRICE OF ONE!

\$8.95 GETS YOU

THE AMAZING 35mm

ORDOMAT

NO OTHER CAMERA IN THE WORLD.

UNDER \$100 OFFERS THESE 3 VITAL, VERSATILE FEATURES!

telephoto

1. INTERCHANGEABLE

2. SINGLE WINDOW for viewing and rangefinder focusing

RAPID LEVER shutter

and film winding
Quality comparable to
cameras selling for
\$200-\$300



Brand New KODAK 8mm BROWNIE THRRET CAMERA with THREE HIGH SPEED LENSES!

FAMOUS GOLDE PROJECTOR



BRAND NEW \$ 27.95

zo Carrying Cash 4.50 40x40 Deluxe Triped Screen 11.95

GUARANTEED 8mm MOVIE LENSES

ad precision	made	IN SA	my me	Carr.	DRAME	input.
	11/2"	f1.4	8	PEGIA	FED	28.90
11	11/2"	f3.5				1.30
	11/2"	f3.5	Foc.	Mt	*******	11.85
	11/2"	f2.5	Foc.	Mt	*********	14.35
	11/2"	f1.9	Foc.	Mt		22.8
	11/2"	f1.5	Foc.	Mt		28.1
	7mm	12.5	W.A.		**********	17.5
ad precision	6mm	f1.9	W.A.	*******		28.3
THE PERSON NAMED IN		_				

HEADQUARTERS FOR REFLEX HOUSINGS



Asserted Brands for LEICA CANON CONTAX etc.

Leitz Reflex Housing. lised \$40 Novoflex Reflex Housing Used \$50 Kilfit Reflex Housing. Used \$39



n closing out these fine precision cameras the erman manufacturer made us promise not even to int at his name, so we won't. However, after one look at these specifications it won't take you long

- Synchronization
 Double Expessure
 Pravention Lock
 Solf Cocking Shutter

 Synchronization
 (12 Sec. Belay)
 Custom Finished Black
 Morecco & Chrome Bad
- 18 year years produced to the Color corrected less Produce SYS Sautier 1—1—7300 Second Built-in Rangefinder Spill McT flesh Spectropication Dombie Exposure (12 Sec. Belay)

SPECIAL \$39.95



ALL BRAND NEW Unheatable Values for EXAKTA, PENTACON, ETC.

Coated TELE LENS Reg. \$51.95 COST

90mm F4 Sun Coated PRESET. YOUR \$2495 TELE LENS Reg. \$64.95 COST

Make your Exakta, Pentacon, or Praktica a 1956 Automatic Model with the exclusive PRESET feature

CLOSE-OUTS - ALL BRAND NEW 135mm f4.5 Albinar..... 80mm f2.8 Zeiss Tessar Preset \$29,50 49,50 124,50 400mm f5.5 H.M. Tele Megor.

HERE'S ANOTHER SENSATIONAL VALUE

for Exakta, Praktica, Contax-p. Pentacon, etc.

ARCO TELE-COLINAR 135mm *3950

SPECIAL

16mm 3-LENS



PATHE SUPER 16 DELUXE with

10mm f1.9 Berthiot Cinor Super Fast, Super Wide Angle 25mm f1.5 Berthiot Cinor Speed Normal

75mm 12.5 Berthiot Cinor High Speed Telephoto **BRAND NEW**

Only \$7040 Down

3. Factory Fitted Lenses

rith 12.8 LORDON Lens elick steps.

Only \$89.50

Complete \$704.00 Also Patho Super 16 Camera . . . less lunses . . . \$456

LOOK WHAT YOU GET 99 10% DOW ONLY \$

15pc ARGUS C3 OUTFIT

All Brand New With TELEPHOTO HAR (3.5 CTD. LENS FLASHGUN - CASE -O O 6 ROLLS BAW FILM - 3 FILTERS - SUNSHADE & FILTER HOLDER



NO MORE

FLASHBULBS NEEDED!

Here's a famous American Brand Electronic Flash or all your indoor shots...and look at the price!



Compact-Lightweight Operates on AC House Current

Sealed Lamp Guaranteed for a Lifetime

· Easy To Use . . . Safe • 2 Second Recycling Time • For Color or Black & White

READY TO USE ... NO EXTRAS TO BUY! OHLY \$2450 SAVE 50%

For All Con



Yours with these QUALITY STEREO OUTFITS FOR 16mm MOVIES AT **FANTASTIC SAVINGS**

Bolex Stereo Outfit, complete. Reg. \$387.00 \$86.00 Elgoet Stereo Outfit, complete. Reg. \$259.50 \$69.50 Only a few on hand ... so rush your order!

YOUR PURCHASE IS INSURED 4 WAYS .. AT MINIFILM

NOBODY BUT MINIFILM OFFERS YOU THESE LOW, LOW PRICES, AND ...

- 1 ONLY 10% DOWN 2 10 MONTHLY PAYMENTS
- 3 30 DAY FREE TRIAL 4 2 YEAR SERVICE GUARANTEE

HERE'S ALL YOU HAVE TO DO

- 1. Select the equipment of your choice at the prices shown in column one for new equipment or column two for used equipment.
- 2. If you have equipment to trade, check if it is represented in listing and deduct the allowance shown for it in column three.
- Rush your order (and trade-in equipment if you have such) plus your remittance to cover—or instructions to ship C.O.D. for the balance or deferred payment terms as per your instructions.

=								or LE		
	CA	NO	N	,	c	C	h	ITAX,	, NIKC	N
H.C								New	Used	Trade-in
28mm f3.5 Nikk	ore W	.A.					S	149.50	\$ 97,50	\$ 70.0
35mm f3.5 Nikk	ore W	I.A.						97.50	57.00	40.00
50mm fl.4 Nikl	core							199,50	118.00	80,00
50mm F2 Summi								88.00	62.95	40.0
50mm f1.5 Sumi	marite							177.00	109.95	80.00
85mm f1.5 Serer	arg.					ī		238.00	137.50	100.0
85mm f2 Sonnar	Tele		**			-	•	229.00	99.50	70.0
135mm f3.5 Niki	org	***	**	• •	•		•	145.00	85.00	62.0
135mm f4 Seren	arg				•			108.00	69.00	45.00
200mm f4.5 Tel	WED	***			• •			156.00	104.00	75.00
400mm f5.6 Nov	oflexe							189.50	114.00	85,00

PRAKTICA, PENTACON						
35mm f2.5 Angenieuxg 50mm f2.8 Westanar Auto Diag.	New \$ 99.50 69.50	Used \$ 56.95 44.50	Trade-in \$ 45.00 30.00			
58mm f2 Biotar presetg 75mm f1.5 Biotarg	. 125.00 . 216.50	63.95 93.95	40.00			
90mm f1.8 Angenieuxg 90mm f4 Sun presetg	. 149.50 . 24.95	95,95 19,95	75.00 12.00			
135mm f3.8 Sung	84.95	29,50 49,50 78,00	15,00 30,00 55,00			
400mm f5.6 Novoflexg 400mm f5.5 Tele Megorg P.S	. 189,50	114.00 137.50	85,00 95,00			

~			
ACCES. FOR IMP	ORTE	D CAN	MERAS
	New	Used	Trade-in
Leitz Focaslide\$	36.00	\$ 23.00	\$ 15.00
Leitz Imarect Finder	39.00	24.00	16,00
Leitz B. C. Flashgun	24.00	16.95	10,00
Zeiss Revolv. Univ. Finder	80.00	42.75	30,00
Novoflex (Exakta, Pentacon)	34,50	22,50	15,00
Novoflex Reflex Housing for Leica			
Canon	99,50	69,50	50.00
Novoflex tripod Rackover	18,50	12.00	9.00
Novoflex Panoramic attach	11.50	7.00	4.00

LEICA CONTAX NIKO	ON CAI	NON
Contax I f2.8 Tessar	Used \$ 46,00 99.50	Trade-in \$ 25,00 75,00
Contax IIIA #2 Sonnarg*\$345.00 Contax IIIA #1.5 Sonnarg*412.00	143,50 194,50	125.00 165.00
Leica IIIA f2 Summar Leica IIIC I2 Summitarg Leica M3 f1.5 Summaritg* 468.00	84,50 119,95	55,00 95,00 230,00
Nikon S2 #2 Nikkorg	189.00 165.95	150.00 125.00

1	35MM S	INGLE	LENS	REFI	EX
		8	ew I	Used	Trade-in
Contaffex 11 f	2.8 Auto RF Me	ter \$19	9.00 \$1	29.00	\$100,00
	tar MXc		5.00	44.50	35,00
Kine Exakta	f3.5 Tessare*			69,95	45,00
Exakta VX f1	9 Auto Xenon	34	11.70	195,95	155,00
Exakta VX F2	Auto Westago	1 27	9.50	69.00	140.00
Contax, D f2	Biotar P.S.g.	19	9.00	118,95	75,00
Praktiflex f2	Biotarg	8	9.00	69.00	45.00

35MM	CAM	ERAS	-3
Argus C-3 RF case and flash	New	Used	Trade-in
	\$ 66,50	\$ 31.50	\$ 25,00
	498.00	265.00	200.00
Bolsey B22 f3.2 RFg*	69.50	35,50	25.00
Kodak Bantam R.F. f3.9g	56.75	39,50	25.00
Contessa f2,8 RF meter MXg*	185.00	83.95	60.00
Kodak Retina HIC f2, R.F.g		116.95	85.00

this year for as little as 10c each complete—send your very own Photographic Christmas Card IN COLOR

Price includes—Christmas Cards, Matching Envelope and either $(A-13/6 \times 11/2)$ or $(B-21/2 \times 31/4)$ color print from any selection of Transparencies you desire.

PRICE	LIST
PRINT SIZE 1%x11/2	PRINT SIZE 21/2x31/4
10 for \$1.75	12 for \$3.50
25 for \$2.75	50 for \$12.50
100 for \$9.95	100 for \$22.50
DELIVERY_	1 WEEK

Cards and Envelopes may be ordered without Prints 25 Cards and 25 Envelopes for \$1.75

	ew		Trade-in
Kodak Pony 828 f4.5 C*\$ 26 Kodak Retina IIA f2 Xenon RF	9.50	\$ 16.95	\$ 10.00
MXg	***	71,50	60,00
Kodak Signet f3.5 Ektar RFC* (Case and Flash)	2.50	41.75	35.00
Minox IIIS chain and case* 13	9.50	78.95	60,00
Mercury 11 f2.7g* 4	1.50	18.95	10.00
Robot 11 f2 Biotar Rap Seq		54.00	25.00
Robot Star fl.9 Xenon 12	7.50	78.95	55.00
	0.00	130.95	90.00
Voigt Vitessa f2 RF MXg 12		82,50	55.00
Voigt Vito II f3.5¢* 5	4.50	23.95	15,00

351	MM	STERE	O C	AMER	AS
Kodak f3.5g* Revere f3.5 RFg*		\$	New 84,50	Used \$ 50.95	Trade-In \$ 35.0
Realist 45 f3.5 Stereo Realist f3.5			174.50 88.50 159.00	73,95	40.00 55.00
Stereo Realist 13.5 F	Fg*		192.50	106.95	90.0

1	13		Ì		į	Ĺ	_		Ì		ΔP	E RECORDERS
2	speed.											and 71/2 Inches per second
	71/2.	,					,				.71/2	Inches per second
	33/4.										.:33/4	Inches per second
	17/8.	,										Inches per second

New	Used	Trade-In
Ampro 731R 33/4 7" Reel	\$ 49,00	\$ 25.00
Ampro Hi-Fi 2 Speed 7" Reel \$239,95	139,50	100,00
Federal FME 2 speed 7" Reel 139,50	86,00	60,00
Pentron 9T-3C 2 speed 7" Reel., 189,50	79.50	55,00
Pentron HT-225 2 speed 7" Reel., 225.00	132,50	85,00
RCA 402 2 Speed Remote Control 229.95		100,00
RCA SRT301 2 speed 7" Reel	99,50	70,00
Revere T100 33/4 5" Reel 169,50	74.50	50,00
Revere T1100 2 Speed 7" Reel 159.50	92,50	75,00
Revere T700D 2 Speed 7" Reel 212.50		110,00
TDC Stereotone 2 Speed 7" Reel., 249.50	138,50	310,00
Webcor 2020 2 Speed Push Button 7"		
Reel 169.50	107.50	80,00

21/4×21/4 REFLEX	CAMER	AS -
New	Used	Trade-in
Ikoflex IIA Auto f3.5 Tessar MXg* \$126.0		\$ 55.00
Ricohflex VI f3.5¢*		12,00
Rolleicord V f3.5 Xenar MXc 134.	55 87.95	70.00
Rolleicord III f3.5 Xenarg*	. 59.95	45,00
Auto Rollei f3.5 Tessar	88,95	60,00
Auto Rollei IIB f3.5 Tessarg*	. 107,50	80,00
Auto Rollei f3.5 Xenar MX 217.	50 115,95	100,00
Auto Rollei f3,5 Tessar MX 232.	50 125,95	105,00
Auto Rollei 2.8 C Xenotar MX 291.		150,00
Marcallelad 1000E 62 8 Ektor 270	50 100 50	125 00

	RC	OLL	FILM	CA	MERA	5
1				New	Used	Trade-in
Kodak Che	wron f3.5 RF			198,50	\$127.50	\$ 90,00
Kodak Me	dalist f3.5	Ekta	W		53,95	40.0
Polaroid	Highlander.			69,95	42,50	30,00
Polaroid L				89.75	38,95	30,00
Polaroid	Pathfinder fa	4.5 R	F	249,50	146,95	110.00
Super Iko	nta BX f2.8	RF.		163,00	99.95	60.00

Super 1kg	HE DA 12.0	Kr	103,00	77.73	00.00
		PRESS	CAMER	AS	
45 Ann. G	raphic RF	f4.7 lens	New 0X \$309.75	Used \$ 95.95 206.93	Trade-in \$ 70,00 165,00
21/4×31/4 KRFg*	Pacemaker	Speed f4.	313.95	146,95	105.00

MINIFILM CAMERA CORP.

1190 AVENUE OF THE AMERICAS . NEW YORK 36, N. Y. Dept. MM2 (bet. 46th & 47th Sts.) Judson 2-1416

**Blower Cooled
"Blower Cooled New Argus PB 300 case" \$40.50 \$25.95 \$20.00 Cold Cornett 300 W. case" \$42.75 \$21.95 \$20.00 Cold Cornett 300 W. case" \$42.75 \$21.95 \$20.00 September 200 W. case" \$42.75 \$21.95 \$20.00 September 200 W. case \$42.75 \$21.95 \$20.00 September 200 W. case \$42.75 \$21.95 \$20.00 September 200 W. case \$42.95 \$21.95 \$20.00 Cold Cold Cold Cold Cold Cold Cold Cold
Argus P8 300 case*
Nodasilde Signet 2000W* 59.59 27.00 30.00
Kodasilde Table Viewer 4x. 27.00 15.00 LaBelle 2 Automatic 200 W** 69.00 46.50 27.00 15.00 LaBelle Director 300W Auto** 59.50 30.00 20
LaBelle 22 Automatic 200 W*. 69.00 46.50 25.00 LaBelle Director 300W Auto*. 39.30 Revere 555 500W Auto Case*. 79.50 Revere 655 500W Auto Case*. 74.75 Revere 67.50 33.95 25.00 SMM CAMERAS SMM CAMERAS Revere 155 500W Auto*. 87.00 Re
LaBelle Director 300W Auto* . 59.50 Revere 555 500W Auto Case* . 79.50 SVE Instructor 300 W* . 99.50 SVE Instructor 300 W* . 99.50 LaBelle 55 Automatic 300W* . 79.50 LaBelle 55 Automatic 300W* . 79.50 LaBelle 55 Automatic 300W* . 79.50 LaBelle 55 Automatic 500W* . 79.50 Case . 74.75 Case . 74.75 Case . 74.75 DC Duo 300W 2½* . 67.50 SJ.95 SVE . 75.00 Viewlex V331, 300W Auto* . 67.50 SJ.95 SMM CAMERAS SMM CAMERAS BAH 134V f2.55 SP.95 S 40.00 S 30.00 SVE Trade-I- BBAH 134V f2.55 SP.95 S 40.00 S 5 30.00
Revere 555 500W Auto Case* 79.50 40.0 SVE Instructor 300 W* 89.50 57.50 40.0 Golde Manumatic 300W* 79.50 49.95 30.0 TDC Headliner 300W Semimatic* 40.50 34.50 25.0 TDC Model D 300 W Semimatic* 40.50 34.50 25.0 TDC Duo 300W 21/4* 77.55 36.50 27.0 TDC Duo 300W 21/4* 77.50 39.50 27.0 TDC Stereo Projector View 300W* 144.50 96.50 75.0 Viewiex V33L 300W Auto* 67.60 39.52 25.0 SMM CAMERAS BMM S 59.95 \$40.00 \$50.0
Golde Manumatic 300W* . 98.50 25.95 20.0 LaBelle S Automatic 500W* . 79.50 49.95 30.0 TDC Headliner 300W Semimatic
LaBelle 55 Automatic 500W* . 79.50 . 49.95 35.01 TDC Headliner 300W Semimatic* . 34.50 34.50 25.01 TDC Model D 300 W Semimatic* . 74.75 36.50 27.01 TDC Duo 300W 2½* . 67.50 33.95 25.01 TDC Stere Projector View 300W* 14.30 96.50 70.00 Viewlex V331 300W Auto* . 67.00 38.95 25.00 SMM CAMERAS BAM CAMERAS BAH 134V f2.55 . 89.95 \$40.00 \$30.00 South
TDC Headliner 300W Semimatic* 54,50 34,50 25,01 TDC Model D 300 W Semimatic* 74,75 36,50 27.01 TDC Duo 300W 21/4* 74,75 36,50 27.01 TDC Stereo Projector View 300W* 144,50 36,50 25.01 TDC Stereo Projector View 300W* 144,50 36,50 25.01 Viewlex V331, 300W Auto* 67,00 30,95 25.01 SMM CAMERAS BMM CAMERAS BMM CAMERAS BBM 134V f2,56 59,95 \$40,00 \$50,00
Case Model D 300 W Semimatic* 54,50 34,50 25,01 TDC Model D 300 W Semimatic* 74,75 36,50 27,01 TDC Duo 300W 2½* 76,750 33,95 27,01 TDC Stereo Projector View 300W* 144,50 96,50 70,01 Viewlex V331, 300W Auto* 67,00 38,95 25,01 SMM CAMERAS Rew Used Trade-It BBAH 134V f2,56 S9,95 \$40,00 75,00
Case 2000 21/4* 74.75 36.50 27.01 TDC Duo 300W 21/4* 76.75 30.50 27.01 TDC Stereo Projector View 300W* 144.50 96.50 70.01 Viewlex V331 300W Auto* 67.00 38.95 25.01 SMM CAMERAS New Used Trade-II B&H 134V (2.5c Sp.95 \$40.00 \$30.00 \$30.00
TDC Duo 300W 21/a*
TDC Stereo Projector View 300W* 144.50 96.50 70.00 Viewlex V331, 300W Auto*
SAM CAMERAS Sep 95 \$ 40,00 \$ 30,95 South Cameras SAH 134V (2.5% Sep 95 \$ 40,00 \$ 30.
New Used Trade-Ir B&H 134V f2.5g
New Used Trade-Ir B&H 134V f2.5g
B&H 134V f2.5g
B&H 252 f2.3 Montereyg 59.95 38.95 28.00 Bolex 8mm Pancinor f2.8g 219.50 141.95 100.00
Bolex 88 f2.8 Yvar Turg 119.50 68.50 55.00
Bolex H8 Leader fl.9 Turg 259.50 143.95 115.00
Revere 84 fl.9 Turg 147,50 83.95 60.00
Revere 44 f1.9 Mag Turg 154.50 93.50 65.00
Cine Kodak Magazine f1.9g 149.50 68.95 55.00
De Jur Fadematic f1.9g 149.50 92.95 65.00

Amoro Euturiet	750 W Care		New	Used	Trade-in
	8MM	PRO) JEC	TORS	
Zoomar 8 f2.8	Lens		199,00	*****	110.00
Revere B63 f2.5	Mag Turg		142.50	83.95	50.00
Revere 88 f2.56 Revere 80 f2.56		*****	74.00 97.50	32.95 42.95	25.00 35.00
Revere 50 f2.	¥		49,50	23,95	18.00
Keystone K-32 (Hympic f2.5g		79.95	45,95	30.00
De Jur Fadema	tic f1.9g		149,50	92.95	65.00
Cine Kodak Ma	gazine f1.9g		149.50	68.95	55.00
Revere 44 f1.9	Mag Turg		154.50	93,50	65,00
Revere 84 fl.9	Ture		147,50	83,95	60,00
Bolex H8 Lead	er fl.9 Turg		259,50	143,95	115,00
Bolex B8 f2.8	Yvar Turg		119.50	68.50	55,00

No.	w Used	Trade-in
Amoro Futurist 750 W Case \$149		\$ 60.00
8&H Monterey 500 W Case 79	.95 46.95	35,00
Bolex M8, 500 W Case 169	.50 112,00	85.00
De Jur 1000 W Cordomatic 177	.50 104.95	85.00
Keystone K109 750 W Splicer 159	,50 88,00	65,00
Kodak Brownie 300 W Case 62	2,00 39,50	30,00
Revere 85 500 W 114	.50 58.95	45,00
Revere 90 750 W	66,95	50.00

16MM CAME	RAS ~	
New	Used	Trade-in
Arriflex 16 (comp. 3 lenses)\$1990.00	\$1300,00	\$1000,00
B&H 200 f2.5 Magg 174.95	108,00	80,00
B&H 70DA f1.9 Tur	149.00	100,00
Bolex H16 Leader (3 lenses compl)g 399.45	229,00	180,90
Bolex Pan Cinor f2.8 caseg 349.50	169.00	150,00
Bolex Stereo	86,00	60,00
Cine Kodak K100 fl.9 269.00		130,00
Cine Kodak Royal Mag. fl.9g 169.50	104,50	80,00
Keystone A12 f1.9 Ture 159.50	97.00	65.00
Keystone K50 f2.5 Magg 129.50	82.50	60,00
Pathe Super 16 Ture 450.00	229.00	180.00
Revere 16 f1.9 Magg 182.50	87.00	60,00
Victor IV f1.9 Tur	99.00	60,00
Vistascope Outfit Case 125.00		65,00

VIS TOWN	16MM PF	OJEC	TORS	
		New	Used	Trade-in
Bolex G-8-16 750 W	8 x 16mm	\$339.50	\$235.00	\$150.00
B&H 273A Statesm	an 750 W	199.95	117.50	90,00
B&H 173 Diplomat	1000	. 299.95	185.00	125.00
Keystone A82 750 V	V Case	. 139.50	75.50	55.00
Keystone K161 750	W Splicer Cas	e 159.50	85.00	65.00
Kodascope Royal 75	50 W	240.00	164,00	115.00
Revere 48 750 W		160.00	95.00	60.00

Prompt free appraisal and Quetation will be gladly rushed to you by return mail. Mail Orders promptly filled. Paid ev C.O.D., F.O.B. New York, Most On C.O.D. kindly include 10% Dapoelt on Order, Institute Pastage. Prices Subject to change.

Dept	. MM2
Piense	rush me the following equipment

Enclos	ed is balance due
Ship E	quipt. C.O.D. (10% down required)
Name	***************************************
Addres	***************************************
city	State
Plones	send TIME PAYMENT & Information.



THE AUTOMATIC PENTACON

AUTOMATIC PENTACON WITH: 50-mm f/2 fully automatic preset diaphragm Westagon \$259.50 50-mm f/1.5 preset diaphragm Angenieux S21 \$299.50

Here is the aristocrat of the automatic spielelens' reflexes—the luxurious and impressive 35-mm Pentacon, superb product of German engineering. The Pentacon shows you the actual picture you are getting in the enlarged, film-size seye-level prism viewhinder up to the instant of exposure to assure complete control of composition, image sharpness and depth of field. The image is erect with sides unreversed—a distinct advantage in sports and other fast action photography.

action photography.

Some of the other outstanding Pentacon features are: coupled film transport and shutter cocking: speeds-from 1 second to 1.1000th with a focal plane shutter; built-in synchronization for regular and electronic flash; built-in delayed action self-timer; interchangeability of lenses ranging in focal length from 28 to 1.000-mm; no parallax; available with a complete line of fully automatic and preset diaphragm lenses.

THE AUTOMATIC PRAKTIFIEX EX

AUTOMATIC PRAKTIFLEX FX WITH 50-mm., f/2.8 fully automatic Isco Westanar \$139.50 50-mm., f/2 fully automatic Isco Westagon \$179.50

The Automatic Praktiflex FX is the latest model of the camera that has made photographic history by bringing you the countless advantages of the 35-mm, single-lens, reflex system with the versatility, operating speed and ease of the fully automatic preset diaphragm lens at a very moderate price.

The Automatic Praktiflex FX gives you the exact picture you see on the viewinder ground glass by means of through-the-lens focusing—no parallax, complete control of composition, sharponess and depth of field, an upright image on the ground glass. Other features include: interchangeability of lenses from 28 to 1,000 mm., including a complete line of fully automatic and presed diaphragm lenses, built-in synchronization for regular and electronic flash; speeds from ½ to 1 500th second with focal plane shutter; and coupled film transport and shutter cocking.

available now! AT YOUR DEALER . A FABULOUS NEW BOOK

35mm Photography With a Praktiflex

AUTOMATIC WESTANAR

PHOTOGRAPHY

1/2.8, 50mm

Here is an excellent standard lens of high defi-nition and quality. Renders grafifying results of professional caliber. Its 50mm facal length and 1.2.8 speed make it suitable for general and spe-cialized photography. The Westanar is a four-element lens with all qualities of a most modern

Automatic Westanar f/2.8, 50mm lens is priced at .





AUTOMATIC WESTAGON 1/2.0,50mm

Automatic Westagon f/2.0 lens is priced at . . . \$110.00

PRAKTICON CO., INC. 705 BRONX RIVER ROAD BRONXVILLE 8, NEW YORK

COFFEE BREAK

(Continued from page 12)

letics); (2) People-all ages (no school pictures); (3) Pictorials; (4) Animals and pets. The top award in each class will be \$300 in cash, with second and third selections receiving \$200 and \$100 respectively. Four Special Awards of \$50 each will also be given. In addition there will be 240 Honorable Mention Awards of \$10 each

The contest will run from January 1, 1956 to March 31, 1956. Winners will be announced in May of 1956.

As has been the case each year, a selection of the best prize-winning prints will form a traveling salon, touring the nation's schools on free

It is not necessary for a contestant to be an expert, as proven by past records. Thousands of students enter the contest every year, using all kinds of cameras, even the simplest "box" camera, to take some of the prizewinning photos.

Additional details on how to enter the contest and helpful contest tips are available from the National High School Photographic Awards, 343 State Street, Rochester 4, New York.

PLANE FOCUSED FUN (?) . . .

The Wenatchee (Wash.) Daily World reports that the pilot of a Coast Guard helicopter saw a man waving frantically from the beach. Trained in rescue missions, he descended till he was just a few feet above the water. The man and his friends focused cameras, took several pictures, and waved the pilot on his way!

hav

THE ICEMAN COMETH . . .

Reports the National Press Photographer: "Photographers have had odd assignments, many of which take more than the estimated amount of time. Ed Benton, of the Charleston (W. Va.) Daily Mail, is still moaning over one he had to watch-an icemelting game to keep readers' minds off the hot spell. The local iceman had guessed it would take about two hours for the 25-pound cake to dissolve completely, but Benton had to wait seven hours and 37 minutes before he could take a picture of the winner who guessed closest to the melting period."

COMING NEXT MONTH . . .

• MODERN'S Complete Movie Course begins! In Part One, you will learn what to look for when you buy a movie camera, what to do with your first roll of movie film!

. How Good Is the Leica? A complete critical analysis of the Leica system, another in our series of reports on outstanding cameras.

· Alfred Eisenstaedt-a photobiography of one of the world's outstanding photo-journalists.



20 13 in th ıg be 40 10 rv ill

ıg n.

99 nt Cho of 0-

re gh

43

ly

st

12

in ne

r.

n-

g-

ld

95

of

211

ıg eds d rs nn ld

10

m

ı

te

n. n

g

IY

Best Gifts in Sight Da-Lite®

PROJECTION SCREENS



new Da-Lite Versatol®

Push-Button opening . . improved white glass-beaded fabric . So versatile, it can be used for slides and movies (square sizes change to rectangular in seconds)! See more, save more — see the Versato!!

\$18.95 30"x40"

200

Folds compact . . . easy to carry . . . easy to store (see Sketch A)

... the world's finest since 1909. Da-Lite, originators of White Magic, and makers of the world's only push-button screens, invites you to see your dealer for a free demonstration of their NEW Da-Lite models (before the Christmas rush begins). For slide and movie memories that live-a gift that's from the family for the family-choose Da-Lite . . . the best costs no more. Generations have made the Da-Lite name traditionally synonymous with quality



Da-Lite Challenger®

r-Lite's finest for performance and rvice—a 2-D "Push-Button" master-\$24.75

Closes easily (see Sketch A)

Da-Life Handy*

Me's the perfect extra screen. Right at time on desk or table, or, hung on walli reen surface rolls back inside metal to on spring roller. \$8.25



Da-Lite COMET Snow-White Glass-Beaded Surface

new Da-Lite Comet®

An economy priced tripod unit equalled for quality . . . sn

Handy to carry (see Sketch A) 30"x40"

Da-Lite Jr.*

Cramped for space? Need an editing or pre-viewing screen? Get the brilliant Da-Lite Jr!



Da-Lite

"PUSH-BUTTON"

SILVER KING

(Fully Automatic)

Da-Lite Silver King*

Silver-surfaced to make your stereo slides and 3-D movies zoom straight at you. Fine for 2-D, too.

Completely portable (see Sketch A)

\$31.95 40"x40"

Da-Lite Picture King®

The world's finest tripod projectic screen. Lightweight . . . snow-white mi dew and flame resistant glass-beade fabric . . sets up with just a touch!

Da-Lite

PICTURE KING

Finger-Tip Control

No storage problem (see Sketch A)

SKETCH A. All Da-Lite tripod models close into a small unit. Require less than 6" floor

\$91.2 63"x84

There's a durable zipper case for the most popular models . . . tow in cost . . . excellent protection . . . adds years of screen life.

Note: Models shown come in many other sizes, too. For full information, see your Da-Lite dealer or write the Da-Lite Company.

Look all you want -- in all price brackets, you'll find no finer screen than a Da-Lite.

Everything looks better (and brighter) on a

Da-Lite Screen Company, Inc. 2711-23 North Pulaski Road, Chicago 39, Illinois

Da-Lite

Perfection in Projection Since 1909

*TRADE MA

Another First for GRAFLEX®



Exclusive

Depthmaster Auto-focus

in the New Stereo Graphic®

The New Stereo Graphic is the simplest, precision stereo camera ever built—specially designed to enable *anyone* to take lifelike pictures in striking, three dimensional color. With

Graflex-developed Depthmaster Auto-focus you get the greatest sharpness range from foreground to infinity of *any* stereo camera. Just set the exposure dial, frame your subject and shoot.



Matched f/4 lenses are positioned to overlap depth of field, providing positive, sharp foreground detail and equally sharp background. When viewed, the stereo pair has an amazing depth of field—unmatched by any other stereo or single lens camera. Graflex-developed Depthmaster Auto-focus has been reviewed by personnel of a nationally known technological institution, many photographic dealers and a panel of more than 1,000 photographers. Ask your dealer to show you slides taken with the Stereo Graphic . . . and see the greater depth yourself!



COMPLETE OUTFIT

\$7950

CAMERA ONLY

\$66⁵⁰

Prices include federal tax where applicable and are subject to change without notice.



GRAFLEX® Prize-Winning Cameral

GRAFLEX, INC., ROCHESTER 8, N. Y.

NEW products

New Polaroid Land Film

Contrast control and freedom from graininess are featured in the new Polaroid Professional Pan Land Film. For prints of normal contrast, 45 sec-For prints of normal contrast, 45 seconds is the recommended development time. If the user wants more contrast he simply leaves the print in the camera longer, say 80 to 90 sec. before removing the picture, according to the manufacturer. To get less contrast the picture may be removed as soon as 30 sec. after

may be removed as soon as 30 sec. after snapping the shutter.

The third new panchromatic film to be marketed this year for Polaroid Land cameras, the film has a greater photographic range than other Polaroid films, features greatly increased resolving power to help eliminate graininess and has a film speed of 200 (ASA equivalent). Price of Polaroid Professional Pan Land Film, which is available in the large size for the Speedliner and Pathfinder models of the Land camera, \$2.95 per 8-exposure roll. For more information, write: formation, write: POLAROID CORPORATION

Argus Color Slide Viewer



CAMBRIDGE 39, MASS.

A wide, TV-type viewing lens on the new battery operated Argus
PreViewer permits two or more
persons to see the operated PreViewer

persons to see the same color slide at the same time. Each slide is automatically illuminated upon insertion through a slot on top of the viewer. Finished in two-tone green, the plastic Argus PreViewer matches the colors on popular Argus slide projectors. Price of popular Argus slide projectors. Price of PreViewer, \$7.95. For additional information, write:

ANN ARBOR, MICHIGAN

New Ascor Electronic Flash Units

New Ascor Electronic Flash Units

The new Series 500 Ascorlights, made especially for studios, can be operated at full, one-half or one-quarter power on AC. To permit the photographer to see lighting effects before he shoots, there are modeling lights which remain in ratio to the light output of the electronic flash at all times. This ratio between flash and modeling lights is approximately 7 to 1. All units have a flash duration of 1/1500 at full power. The power supply of each is in the base and the cable from the power supply to the light unit is a Koiled Kord that goes up through the center of the stand.

Three of the units feature guide numbers of 70 for Kodachrome, and 250 for Kodack's Super Panchro Press Type B at full power. They are: Model AA-501, a 20-inch unit for main light, price \$345; AA-503, adjustable snoot hairlight, price \$389; and AA-504, small backlight, price \$235. Model AA-502, the sootlight has a

\$389; and AA-504, small backlight, price, \$235. Model AA-502, the spotlight, has a guide number of 90 for Kodachrome at spot position, and 320 for Super Panchro Press Type B. Price, \$369. All parts

chro Press Type B. Price, \$369. All parts are interchangeable.

Two circular light units that fit around the camera lens are also available. Because light comes from all sides they are particularly suitable for shadowless close-up work. Model AL-417 is designed for operation with 900-volt

equipment such as the Ascorlight Model 405. Price of AL-417, \$45.

Model BL-411 is designed for use with 450-volt equipment such as the Ascorlight 201. Price of BL-411, \$45. Both units have provisions for use of filters and attach to a Series VI adapter ring. The adapter ring then slips over the lens in the normal manner. For more information, write: lens in the normal manner. For information, write:
AMERICAN SPEEDLIGHT CORPORATION 63-01 METROPOLITAN AVE.
MIDDLE VILLAGE 79, L. L., N.Y.

Minute-Mount Picture Framer



a picture quickly without glue or other adhesive by using the new Minute-Mount as-

sembly. Available in 16 x 20 size it consists of four main parts: a reversible consists of four main parts: a reversible mount board, white on one side and gray on the other; a clear, rigid Vinyl cover sheet; channeled edging strips of clear Tenite butyrate plastic; and a special hanger which attaches to the back of the mount board. To use the Minuteof the mount board. To use the Minute-Mount you simply sandwich the picture between board and Vinyl sheet, then slide or clip the butyrate strips into place around the four sides. Strips fit tightly into scored grooves on the mount board and are mitered at the corners for a neat fit. The hanger, decorners for a neat it. The hanger, designed for either horizontal or vertical mounting, holds the framed picture parallel to the wall, but % in. away. Price of Minute-Mount, \$6.95. For additional information, write:

MINUTE-MOUNT CORPORATION

527 LEXINGTON AVE., NEW YORK 17, N. Y.

Walz Pocket Rangefinder

Distance markings come in either feet or meters on the Walz Pocket Rangefinder. Operating on the triangulation method, the distance of a photo subject can be quickly measured by turning the dial until the images are superimposed. The rangefinder has a removable foot so that it can be slipped into the accessory shoe on most cameras. Price, \$6.95. For additional information, write:

U. S. PHOTO SUPPLY CO.

1204 g ST., N.W., WASHINGTON, D.C.

Duplikin for Copying Movie Frames



can copy frames of You uncut black-and-white movie film onto 35mm color or black-and-white

still film with the new Century Du-plikin. This precisely made device per-mits copying in either daylight or arti-ficial light.

mits copying in either daylight or artificial light.

To use, remove the camera lens and attach any 1 in. 16mm C mount lens to the Duplikin. Next select the proper frame and lock securely into place with the Duplikin pressure plate. As the camera is held up to light source and exposure made, an image of the 16mm frame is projected on the film in your camera. The Duplikin, which has its own coated optical system, is available for use with the Exakta, Leica, Contax, (Continued on page 28)

We Are Proud To Announce That

Kiegitt KILAR LENSES

and the

ARRIFLEX 16 CAMERA

Played an Important Part in the Filming of







to use with your 35mm, 21/4 21/4 and 16mm movie cameras interchangeably. Focal Lengths range from 90mm to 400mm.

*now in release

See your photo dealer, or write for complete information to:

KLING PHOTO CORP

235 Fourth Ave., New York 3, N. Y. 7303 Melrose Ave., Hollywood 46, Cal.

SAVE Dollars at Dowling's FIFTH AVENUE



6-Unit Camera Outfit with Ansco **Viking Readyset**

From D. F. A. only . . .

Regularly \$32.84 Save \$15.891

OUTFIT NO. 2:

6-Unit Camera Outfit with Ansco Viking f/ 4.5

Agfa Agnar f/4.5 zone-focusing lens. Self-timer shutter; speeds to 1/200th sec. Body shutter release for smooth shooting. Optical finder and accessory shoe. 8 large pictures to a roll. Camplete with roomy gadget bag, flash unit and 3 rolls of ANSCO All-Weather film.

From D. F. A. only . . .

Regularly \$60.39 Save \$30.89!

OUTFIT NO. 3:

6-Unit Camera Outfit with Ansco Commander



Agfa Agner f/6.3 zone-focusing lens. Vario synchronized shutter with speeds to 1/200th sec. 8 large pictures to a roll. Complete with AN-SCO genuine leather case, flash unit and 3 rolls of ANSCO All-Weather film. All-Weather film

From D. F. A.

Regularly \$45,64

Save \$23.69!

Here's DOWLING'S Fifth Avenue quality at never-before LOW, LOW prices! Secause D. F. A. is the leader in the new, fine camera field—we don't dabble in off-beat "buys." This special, firsh-ever sale comes instead from our unique purchasing power with top camera manufacturers. And the unprecedented savings are passed along to YOU! Just look at these BRAND NEW, FACTORY PACKED, complete camera outfils: All ere the latest, current 1956 models!

ANSCO folding cameras are ultra-modern and stream-lined. They GET MORE PICTURES . . . because they are compact enough to go ANYWHERE. Touch a button and your ANSCO camera snaps to attention—ready for instant action! Yet every ANSCO camera shown here uses popular 120 roll film for large-size album prints. All are products of world-famous Agfa Camera Werk, Munich, Germany. Eveready cases and film are by ANSCO, U.S.A. Luxurious gadget bags and flash units are exclusive D.F.A. (not Ansco) products. Every unit is top-notch. All function together as a smooth team, giving you perfect pictures every time!

You'll receive a COMPLETE 6-unit outfit, exactly as illustrated. Each outfit is covered by DOWLING'S Fifth Avenue distinctive LIFETIME GUARANTEE and 30 DAY FREE TRIAL privilege.

Check over these exciting outfits NOW. Treat yourself. Treat your family and friends. These DO make perfect gifts. NOT sold through local dealers. Available ONLY from D. F. A. Don't delay. Make sure YOU capture this once-in-a-lifetime opportunity! Mail your order DIRECTLY to DOWLING'S Fifth Avenue TODAY!

OUTFIT NO. 4:



6-Unit Camera Outfit with **Ansco** Speedex

Agfa Agnar f/4.5 zone-focusing lens. Flash synchronized Vario shutter, with speeds to 1/200th sec. 12 album-size pictures on 120 film. Optical viewfinder and accessory shoe. Complete with ANSCO top-grain case, flash unit and 3 rolls of ANSCO All-Weather film.

From D. F. A. only . .

Regularly \$45.39 Save \$15.89!

Dowling's 175 Fifth Avenue, New York 10, N. Y.

FIRST-EVER Ansco CAMERA SALE!



From D. F. A. only . .

Regularly \$63.39 Save \$28,44!



6-Unit Camera Outfit nsco Speedex Special "R"

This is "tops" in the famous Speedex line! Agia Apotar f/45. Speedex line! Agia Apotar f/45. Zone-focusing lens. Prontor SVS 8 speed switer, with built-in self-timer. Fully synchronized for every independent built-in rangefinder combined with viewfinder! Removes all guess work and insures needle-sharp focusing everytime! The Special "R" delivers 12 album size prints on 120 film. Complete with handsome gadget bag, flash unit and 3 rolls of ANSCO All-Weather film.

From

D. F. A. only . . .

Regularly \$70.89 Save \$31.39



12-Unit "Pop and Junior" Outfit with 2

Cameras

Now you can treat yourself and treat Junior tool Imagine: You'll receive the complete ANSCO Viking Readyset Outfit No. 1 AND the superb, complete ANSCO Speedex Special "R" Outfit No. 61 A total Readyset Outfit No. 1 AND the superb, complete ANSCO Speedex Special "R" gate bag; and 6 rolls of 12 units: 2 fine cameras; 2 flash units; Viking case; Speedex Special "R" (8OTH outfits completel), of ANSCO All-Weather film! Yours will really be a "photographic" family! (8OTH outfits completel).

From D. F. A. only . . .

Regularly \$103.73 Save \$53.78!



YOUR Christmas will be Merry, too, with ANSCO Camera Outfits under your tree!

ALL outfits shown are available ONLY from DOWLING'S Postage and insurance FREE the worldover — including A. P. O. and F. P. O. addresses!

RUSH ORDER FORM

Please check the complete ANSCO outfits you want. It's first come-first served on this scoop of the year!

- □ 1. ANSCO Viking Readyset 6-Unit Camera \$16.95
- 2. ANSCO Viking f/4.5 6-Unit Camera Outfit 29.50
- 3. ANSCO Commander 6-Unit Camera Outfit 21.95
- 1 4. ANSCO Speedex 6-Unit Camera Outfit 29.50
- 5. ANSCO Speedex f/4.5 Special 6-Unit Camera Outfit
- 6. ANSCO Speedex Special "R" 6-Unit Camera Outfit .
- 7. ANSCO "Pop and Junior" Special Two-Camera (12-Unit Outfit) . 49.95

Dowling's

175 FIFTH AVENUE, NEW YORK 10, N. Y. in a N. Y. Landmark, the Flatiron Bldg at 23rd St. Mail Order Showroom, Suite 2000. Tel.: ORegon 4-7900

Enclosed is \$...... for the special ANSCO outfits checked on the accompanying RUSH ORDER FORM.

- Please address the shipment as shown below *.
- I want several outfits sent to various addresses. A note with com-plete shipping instructions is attached.
- Please gift-wrap. No charge for this service!
- ☐ Enclose a gift card with my name as donor:

Ship to (Name):....

City or Town:...

MAIL TODA

MORE of D. F. A.'s 6 Page Guide to the best in Photographic Equipment!

Address:...

Dowling FIFTH AVENUE

1956 AMPRO HI-FI TWO-SPEED recorder

Only the great new Ampro Model 757 Hi-Fi Two-Speed presents all of these outstanding features:



- Two speeds: 71/2 i.p.s. and 33/4 i.p.s.
- Electro-magnetic piano-key controls for Record, Play, Fast Forward, Fast Rewind and Stop
- Automatic Selection Locator (3-digit counter)
- . Electronic Tuning Eye Recording Level Indicator
- . Large 6"x9" Alnico-5 P.M. Speaker
- . Beautifully styled in the modern manner

Ampro Model 757 Hi-fi Two Speed Recorder \$239,95 Cash or \$23,95 Down

Ampro Model 757T Hi-fi Two Speed Recorder/ Radio Combination 274.45 Cash or 27.45 Down Write for FREE brochure on Ampro Recorders and Accessories. Or place your order today directly with DOWLING'S Fifth Avenue!

Shoot flash the modern way: The MIGHTY LIGHT way!

Forget-forever-costly, clumsy flash bulbs!

\$44.95 Cash or \$4.49 Down

Fifth Avenue

MIGHTY LIGHT Standard AC Unit
MIGHTY LIGHT Standard BATTERY unit with
batteries
MIGHTY LIGHT Standard COMBINATION
Unit (AC, Battery Pack, Rejuvenator)
MIGHTY LIGHT DELUXE AC Unit
MIGHTY LIGHT DELUXE AC Unit
MIGHTY LIGHT DELUXE BATTERY Unit with
batteries
MIGHTY LIGHT DELUXE COMBINATION unit
(AC, Battery Pack, Rejuvenator)
Famous MIGHTY LIGHT DELUXE COMBINATION unit
(AC, Battery Pack, Rejuvenator)
Famous MIGHTY LIGHT Close-up Ring replaces
the regular flash tube, It's a patented ring
light fifting around the lens of any camera.
The "cold light" gives clear, sharp, shadowless close-up pictures. Physicians and dentists
can use the Close-up Ring within inches
of a patient's eyes without creating discomfort. The accessory Close-up Ring
(used of course with your basic
MIGHTY LIGHT) is priced at only
\$39,95 Cash or \$3.99 Down.
Inquire also about MIGHTY LIGHT Slave Units!

AURICON Cine-Voice

YOU can produce 16mm talking pictures the Hollywood way! While "shooting" the Cine-Voice camera simultaneously photographs a sound track along one film edge. The film cost, black and white or Kodachrome, is identical to silent types. Magnetic striping is not required, saving you both time and expense, Best of all the processed film plays perfectly Ilp-syn-chronized on any 16mm sound projector! Compact and easy, to operate — either from house current or portable power pack — your Cine-

power pack — your Cine-Voice outfit is furnished complete as illustrated. Standard "C" mount only are optional.

Whether for home enjoyment or professional use, the Cine-Voice opens a new world of sound pictures . . . write for free Auricon brochure or order from DOWLING'S Fifth Avenue today!

Cine-Voice, Single Lens Model, \$695. Cash or \$69.50 Down; Cine-Voice, 3 Lens Turret Model, \$784.50 Cash or \$78.45 Down;

Auricon Super-1200, 1200' capacity, \$4652.15 Cash or \$465.21 Down.

Just out! All-new Auricon-Pro, 600' ca-pacity, model \$1165. Cash or \$116.50

for FREE brochure!

Write D. F. A

Dowlings



Schools, Churches and Industrial Users . . .

Please write Industrial Division, DOWLING'S Fifth Avenue for quo-tations and assistance with your individual problems . . . in sound movie-making or any phase of photography!



You'll actually get three-lens-in-one versatility for less than you might expect to pay for one extra lens! Everyone's talking about NEW Ednalite DUAL LENS. It gives you all the advantages of telephoto and wide angle shooting. Your single lens movie camera takes on the scope of an expensive turret outfit ... and for only \$24.95!

DUAL LENS fits all 8mm and most 16mm standard cameras. Mounted on any standard lens for 8mm cameras, DUAL LENS gives you approximately a 20mm focal length telephoto lens and an 8mm focal length wide angle lens. On most 16mm movie cameras, a standard 25mm lens "grows" to approximately a 38mm telephoto—or "widens" to a 16mm wide angle lens. Camera is a standard 25mm lens "grows" to approximately a 38mm telephoto—or "widens" to a 16mm wide angle lens.

complete and ready to use ... \$2 495 (Yes the and all for only When ordering please specify your camera and lens make and model. FOR COLORFUL FALL AND CHRISTMAS MOVIE MAKING . . . ORDER YOUR DUAL LENS TODAY DIRECTLY FROM D. F. A.I

LIFETIME GUARANTEE

Dowling's 175 Fifth Avenue NEW YORK 10. N. Y

ALPA the ALL-IN-ONE 35mm Camera

Optional Focusing: Singlelens reflex groundglass or individual, single-window, coupled rangefinder AND multifocal, "sportstype" viewfinder.
Unsurpassed Optics: Everyone of the coated, high-resolving power ALPA lenses (wide
angle through 3750mm!) is individually tested, carries an unconditional guarantee. Choice
of click stops or FULLY automatic diaphragm with 50mm
lenses.

Are you a perfectionist? • Are you a perfectionist? Here's your answer: The super-lative Kern Switar S0mm coated f/1.8 APOCHROMAT, the only lens for 35mm cameras correcting all a primary colors, including red. Gives critical definition even at full aper-ture f/1.8 (200 lines per mm.)

Ser Kewi Min M



 Unique Eveready Case: Holds ALPA with wide angle, 50, 75 or 90mm lens; plus sunshade, filters and exposure meter

A . D A . 3

ture, f/1.8 (200 lines per mm.).			(Prism	
Determines Balancet Commen	ALPA 5 (Prism Reflex)	10% Down	Reflex & Range- finder)	10% Down
chneider Xenon 50mm coated f/1.9 wi ULLY automatic diaphragm ern Switar 50mm coated f/1.8 APOCH	\$389.00	\$38.90	\$429.00	\$42.90
ith FULLY automatic diaphragm	419.00	41.90	459.00	45.90
finity)	314.00	31.40	354.00	35.40
nfinity)	339.00	33.90	379.00	37.90

Colored \$194 Wide Apple and Telephote Lances

Seigeren urru uine unfie unn icichinin re	:4969	
Angenieux Retrofocus 28mm coated f/3.5 lens\$	139.00	
Old Delft Alfinar 38mm coated f/3.5 lens	89.00	
Schneider Xenar 80mm coated f/2.0 lens	169.00	
Schneider Tele-Xenar 90mm coated f/3.5 lens	119.00	
Old Delft Algular 135mm coated f/3.2 lens	129.00	
Zoomar Reflektar 3750mm coated f/25.0 lens		



1956 Ricoh Cameras

For both Square-Shooters and Thrifty Thirty-Fivers, the new 1956 RICOH Cameras are outstanding. See how MUCH you get for how LITILE you pay! Incorporates many features of the most expensive 'Flexes!

Super Ricohflex

- Fast Ricoh 80mm f/3.5 anastigmat lens
 Full flash synch' shutter, with speeds to 1/200th sec.
 Full size ground glass focusing
 Wide angle magnifier
 Eye-level sports finder
 Equipped for roll film giving 21/4 x 21/4 prints, but also convertible to 35mm film
 Convertible to automatic film stop

- Only \$29.95 Cash or

Eveready leather case \$5.95; 35mm color film back \$9.95; Auto-stop \$4.95.

Ricoh 35 Camera Outfit

BIG image combined viewfinder-rangefinder Trigger-coupled film and shutter setting Fast Ricoh 45mm f/3.5 anastigmat lens Full flash synch' shutter, with speeds to 1/200tl

sec. Handsome leather and chrome trim

Complete with flash unit and genuine leather eveready case ... only \$59.75 Cash or \$5.99



BAUER 8mm Cameras

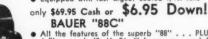
BAUER has long been the accepted standard of per-BAUER has long been the accepted standard or perfection in Europe. Now these superlative cameras, made in Stuttgart (Western Germany), are available for your movie making pleasure! You'll be delighted with the host of new fully AUTOMATIC features to give you perfect ease of operation and perfect pictures everytime!

BAUER "88"



- Visible film transport indicator
 Single frame device for special effects
 Audible footage indicator
 Viewfinder equipped for normal and telephoto lenses
 Built-in parallax compensation
 Easy drop-in sprocketless loading
 Attractive, modern, streamlined finish—as modern as tomorrow

 • Equipped with fast Elgeet coated f/1.9 lens



All the features of the superb "88" . . . PLUS . . . 4 film speeds (8, 16, 24, 48 frames per sec.) for fast and slow motion effects

only \$84.95 Cash or \$8.45 Down!

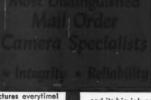
BAUER "88B"

In addition to the standard features of the "88"

and "88C":
BULT-IN, AUTOMATIC, PHOTO-ELECTRIC EXPOSURE METER . . . just set the meter for film speed
and frames per second; and then maintain perfect
exposure regardless of change of scene or light
conditions!
Equipped with needle-sharp Schneider Xenoplan
coated f/1.9 lens
Hase's the ultimate in movie-making eare and

Here's the ultimate in movie-making ease and

\$1395 only \$139.95 Down! Cash or



1956 Mohawk midgetape

Record anytime, anywhere with the first truly portable, long-life battery operated tape recorder! Uses standard, readily available magnetic tape. Its compact size (only 1% 1% 2% 1% 8½"), its remarkably light weight (only 3 lbs., 2 ozs.),

and its big-job capacity put it far ahead of any other portable recorder in performance and ver-

satility!
There's no clutter, fuss
or trailing wires with
the MIDGETAPE. It is ready for action any-



ready for action anytime . . anywhere;
whether musical concert; business conference; or to take professional dictation. The
low-geared, smooth 17s" per sec. tape travel insures ONE FULL
HOUR'S run. Compact cartridge-loading, 1/4" wide, twin-track tape
can be used repeatedly, after automatic erasure. MOHAWK tape
cartridges are smaller than a pack of cigarettes, making them easy
to handle and mail anywhere.

cartridges are smaller than a pack of cigarettes, making them easy to handle and mail anywhere.

Before your next trip abroad, brush-up on your foreign languages! Take the MIDGETAPE with you, too, for authentic on-the-spot recordings. It's lighter and more compact than many small movie cameras!

Complete with one full hour recording certridge, crystal microphone, earphone and two extended-life batteries

...\$249.50 Cash or

Doctor, Lawyer or Indian Chief?

... even if you're not, the MOHAWK is indispensable for recording your pow-wows, public or private, especially with these custom accessories: (available on D. F. A.'s usual easy terms)

Transcribing control . . with instant stop/start foot pedal \$39.50

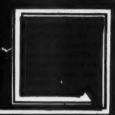
Fitted briefcase . top-grain cowhide, all secrets insidel 335.50

Concealed hi-fi lapel mike . . carches each whisper! 24.50

Telephone control . . records two-way talks on any 'phone 10.00



)owling A NEW YORK IO, N. Y.





1956 Model 700 Tape-o-Matic Recorder:

The Voice of Music

NEW! And this is IT . . . for the recording perfectionist! VM Corporation—the world's largest manufacturer of phonographs and record changers—and D, F. A. now bring you a recorder with more professional features than any in its price range.



Here's but a short list of some of the Voice of Music's "ear openers":

- Monitor Switch . . . heer actual recordings while made "live" from radio or magnetic cartridge pickup
- Woofer-tweeter speaker system
- High fidelity ... from 40 to 15,000 cycles
- P Dual input, dual output jacks
- ✓ Use as phono amplifier or P. A. system

VM Tape-o-Matic only \$179.95 Cash or

For the inside story on the feature-packed VM Tape-o-Matic Recorder write to DOWLING'S Fifth Avenue for FREE brochure today! Or-if you have a special recording or hi-fi problem-please feel free to write for personal advice to our audio consultant, Ralph Thomas,



Now like never Now, like never be-fore, you hold fine photography in the palm of your hand with the incredible GAMI 16. Take it any-where, anytime for

where, anytime for automatically perfect pictures of every kind ... and fully detailed enlargements.

Automatic Exposure-Meter Picture Control

Only camera combining exposure meter, viewfinder, rangefinder, parallax corrector in adjusting eyepiece viewer * Focusing from 20" to infinity * 6-element f/1.9 coated Galileo lens * Click stop to f/11 * Speeds from 1/2 to 1/1000th * 3-exposure rapid sequence shooting * Front cover winding * Built-in yellow filter * Negative size of two frames on standard Ismm film * Daylight loading of 30 exposure black and white or color cassettes * Full flash synchronization * All metal construction * Satin aluminum finish * Complete line of accessories * A precision masterpiece manufactured by Galileo, Italy

★ Including carrying case \$340. Cash or

Order directly from DOWLING'S Fifth Avenue, New York, for immediate air shipment!

ALL EQUIPMENT LISTED IN THESE SPECIAL D. F. A. PAGES IS BRAND NEW - FACTORY PACKED, FULLY GUARANTEED BOTH BY THE MANUFACTURER AND BY DOWLING'S Fifth Avenue!

NOW...you can afford the BEST!



Minolta AUTOCORD

fully Automatic

- Helical Focusing Lever, actuated by index finger of hand supporting camera, sweeps focus from 3 ft. to infinity in a single strokel
- Automatic Film Transport advances film, counts the exposure, and sets the shutter in a single operation
- Rokkor 75mm Coated f/3.5 Lens—a su-perb 4 element, highly color corrected objective
- Optiper MXS Precision Shutter, synchro-nized at all speeds from 1 second to 1/400th and bulb, with built-in self timer and safety-locking body shutter release

An editorial in the August 1955 issue of Modern Photography put it:
"... having all these features incorporated into a camera selling for \$99.50 is novel—maybe it's unique." Indeed it is! The Minolta Autocord is in a class by itself at only ...

\$99.50 Cash \$0.95



Minolta A

- Fast single stroked-lever automatic film transport and shutter set
- Combined coupled rangefinder-viewfinder
- Precision 4-element Rokkor f/3.5 lens
- Depth-of-field scale
- Click-stop diaphragm
- Rapid rewind
- Konan behind-the-lens shutter, fully MX synch', from 1/2 sec. to 1/200th
- Removable back for easy loading

And priced at only \$49.95 Cash or

Down

Remember! For millionaires or the millions—D. F. A.'s Easy Payment Plan is quick and confidential. Don't wait! Enjoy your camera while you pay for it. You can buy the best today on D. F. A.'s famous Easy Terms!

USE COUPON ON NEXT PAGE TO REQUEST YOUR COPY OF OUR COMPLETE NEW 1956 CATALOG . . . IT'S FREE! MEAN-WHILE BUY ANY CURRENTLY ADVERTISED PHOTOGRAPHIC PRODUCT FROM D. F. A. JUST SEND IN YOUR ORDER TODAY!

Dowling

. 30 DAY FREE TRIAL

. LIFETIME GUARANTEE

FIFTH AVENUE 107 CHARGE FOR

EASY PAYMENTS FOR CIVILIANS AND SERVICEMEN THE WORLD OVER!

The incomparable 2 - 6

new 1956 Leica M-3

1956 Pacemakes GRAPHIC OUTFITS
All brand new, latest models, with factory guaranteel Includes: • Grafick
back • Ektalite screen • new Graphic coupled rangefinder with Rangelite and automatic parallax viewfinder • new full image wire finder •
Grafite 3 cell flash gun • deluxe case • film pack adapter • roll film
holder • 6 cut film holders • adapter ring • sunshade • 4 filters, Prices
below include all this extra equipment Essy payments available!

Siza

Speed Crown Coated Lens in Shutter Graphic Graphic

New Graphic rangefinder is manufactured for 4 X 5 cameras only. 2/4 X 3/4 outfits are supplied with Kalart coupled rangefinder.

New 1956 Revere 1887

Automatic Projector itselfi

(300 watt, auto-matic) \$49.50 Cash or \$4.95 matic) \$49.50 Cash or \$6.95 watt, automatic) \$79.50 watt, automatic) \$79.50 Cash or \$88" (500 watt, Model "888" (500 watt, fully automatic) Cash or \$11.95 Down.

new 1956 (ESD) CONTAFLEX

Groundglass eye-

level focusing is combined with split image rangefinder. Tessar 45mm f/2.8 coated lens with fully autometic diaphragm! Contaffex 1 (545, Cash or 18.90 Down, Contaffex 11 (Built-in Meter) \$199. Cash or \$19.90 Down.

1956 CONTAX MA and HIA

New full synchro models!

11A with Sonnar coated
f/2.0 lens \$345. Cash or
\$34.50 Down; or with Sonnar coated f/1.5 lens
\$374. Cash or \$37.40 Down.
For Contex IIIA with
built-in exposure meter
add \$38. Cash or \$3.80
Down.

1956 GRAPHIC 35 Just Out!





RETINA

Built-in exposure
meter and with normal
Xenon coated f/2.0 lens in
M-X shutter—\$190, Cash
or \$19.00 Down. Optional:
Curtar 35mm coated f/5.5
wide angle lens \$42.50
Cash or \$4.25 Down;
Longer 80mm coated f/4.0
telephoto lens \$25.50 Cash
or \$3.25 Down, Retina lic
\$135. Cash or \$13.50 Down.



Easy A-B-C operation gives you sparkling 3-D pictures! Stereo Graphic Camera only \$4.65 Cash or \$4.65 Down. Complete outfit with camera. flash unit and leather case—all for \$79.50 Cash or \$7.95 Down!



4 X 5 model with multi-focus rangefinder, univer-sal back and 150mm Xenar coated f/4.5 lens \$419.70 Cash of \$41.97 Down. Lin-hof 2½ X 3½ outfit with multifocus and 3 lenses complete and 3 lenses complete \$564.15 Cash or \$56.41 Down.



Highlander Cameraonly 569,95 Cash of \$6.95 Do wn 1. Highland-er outfit: camera, flash meter, case for outfit, and 3 rolls of film only \$97.50 Cash or \$9.75 Cash or \$24,95 Down.



single lens reflex with crisp Ektar coated (7.8 and speeds to 1/1000 sec.; \$377.50 Cash or \$37.50 Cash or \$37.50 Cash or \$37.50 Cash or \$48.750 Down.



Rolleicord V with Xenar f/3.5 lens \$134.55 Cash or\$13.45 Down. Rolleiflex with Xener f/3.5 lens \$217.50 Cash or \$21.75 Down; or with lesser f/3.5 lens \$22.50 Cash or \$23.25 Down. Just out—Rolleiflex 2.8D with Xenotar f/2.8 lens \$291.50 Cash or \$29.15 Down.



New model just mplete with released! Complete with 1 to 1/1.8, Switar 50mm f/1.4, —plus compartment case 1.24, Cash or \$2.40 Down. Lytar !" f/1.9 lens \$2.5.50 Cash or \$2.6.75 Down.



With fully automatic diaphragm lens listed: Tessar f/2.8 \$259.50 Cash or \$25.95 6/2.8 \$259.50 Cash or \$25.95 Down; Westagon f/2.0 \$289.50 Cash or \$28.95 Down; Biotar f/2.0 \$346. Cash or \$34.50 Down; Xen-On f/1.9 \$351.70 Cash or \$35.17 Down. With Penta-prism R/F add \$47. Cash or \$4.70 Down.

ALL EQUIPMENT LISTED IS BRAND NEW-FACTORY PACKED, OUR STOCKS OF BOTH USED AND NEW EQUIPMENT ARE HOWEVER MOST EXTENSIVE: PLEASE WRITE FOR ANYTHING PHOTOGRAPHIC

1		<i>I</i> :	10
-IJ	ow	1.Lh	ИÐ
v	UVV	,,,,,	

175 FIFTH AVENUE, NEW YORK 10, N. Y. in a N. Y. Landmark, the Flatiron Bldg. at 23rd St. Mail Order Showroom, Suite 2000. Tel.: ORegon 4-7900

Please	ship	the	following	Immediately:			
**********		*******	***************************************				
Enclose	ed Is	\$			Down	Paymani	TI C

Enclosed is \$	☐ Down	Payment	Comple	te Payment.
I agree to pay \$ monthly for	mon	ths until	merchandise	is paid for.
I wish to trade in:				
Clus me tentative allowers but	78			

am shipping equipment for exact allowance.

Your trade-in may be used as down payment! It will be returned at D.F.A.'s expense if you don't accept our top offer.

Send	FREE	liter	rature on		***************			********	
Send	FREE	1956	Catalog.	Send	pamphlet	on	"Deferred	Payments.	

Name

MAIL TODA

City or Town. State M-1255



Many ask us . . . "just how does the average photo fan know which brand of filter to buy?" That's a pratty rough one to answer, being projudiced of course. But we try to point out a few of the things that the eye can't see, but the film does.

For one thing, we all know that a filter is supposed to change the color of things . . . that is, it changes the color of the light reflected off the subject, to balance it to the film's color characteristics . . . er te create certain toned effects. But, while it changes COLOR, it should not change the SHAPE! That's where plano-parallelism comes in. This means, simply, that the two sides of the filter are perfectly parallel, and flat . . . an often mis-queted term. And if your filter inn't plano-parallel, it's like adding another element to your fens. This raises havoc with a delicately balanced optical system that you pay so much for. The result . . . distortion!

THEN THERE'S COATING. There are all sorts of "coatings"... they all look slike... but, the best coating any lens (and certainly, filters) can have is a tough coating that kills glare and also protects the finely polished

AND HOW ABOUT THAT THING CALLED "TRANSMISSION CURVE"? Most filter makers actually shy away from the term... because it's the toughest test of all! Some filters don't even carry a numerical designation similar to the film manufacturers' specs... because they don't want to be held up for comparison. As a matter of fact, these filters, particularly the so-called "solid glass" type, actually vary from filter to filter ... like "dye-lot" woolens! So how do you know what you've got?

In filters, the integrity of the manufacturer is probably the only safe way to make your choice. And if you check, you'll find that Tiffen is, bar none, the world's largest manufacturer of filters and lens accessories. No wonder that Tiffen is distributed coast to coast by the finest dealers in the nation ... with a Lifetime Guarantee that has "no strings attached"!

Incidentally, did you know that Tiffen has another FREE service for the picture-taker? It's our new COLOR-CLINIC, to whom you send your 'problem' transparencies, plus the data about time of day, film type, camera and lens used . and a set!-addressed envelope. You'll get an expert analysis, plus recommendation on how to improve your stuff. It's another exclusive Tiffen service!

f you'd like more information about the fin-st filter made, Tiffen HI-TRANS FILTERS,

MARKETING CO. Roslyn Heights, L. I., N.Y.

In Canada: ANGLOPHOTO, LTD. Vancouver Toronto

NEW PRODUCTS

(Continued from page 21)

Pentacon, Praktica and Canon cameras. Pentacon, Praktica and Canon cameras. Models for other popular 35mm cameras will be available at a later date, as will a model for copying 8mm frames on 35mm film. No alteration of the camera is necessary and each Duplikin model carries an unconditional guarantees. model carries an unconditional guarantee. Price, complete with dustproof carrying case and instructions, \$39.50. For more information, write: CENTURY PHOTOGRAPHIC EQUIPMENT CO.

10427 BURBANK BLVD., NO. HOLLYWOOD, CAL.

New Emde Mounts



A quick easy method of enclos-ing aluminum ing aluminu "stereo mount masks is possible with the new one-piece Emde aluminum frame (see illustration).

No sealants or adhesives are required.

(see illustration).

No sealants or adhesives are required. Other features are knife-sharp window edges and, according to the manufacturer, freedom from paper lint and flecks. Price for 100 frames and 100 masks (either normal, medium or close-up) plus gummed labels, \$6; 1,000 frames and 1,000 masks, \$55; frames alone, without masks, \$3.50 for a box of 100, \$30 for a carton of 1,000.

Also available is a new Emde 2 x 2 aluminum foil mask with ultra-thin glass for mounting color transparencies in Airequipt magazine frames. To use, merely insert the film under the nibs of the mask, slip the mask between the two pieces of glass, then insert into the Airequipt frame. Price of 100 double-fold aluminum foil masks and 200 ultra-thin pieces of glass, \$7.50. For more information, write:

2028 STONER AVE., LOS ANGELES 25, CALIF.

Whitehall Elevator Tripod



An elevator with two-way control is incorporated in the new White-hall "Prince" tri-pod. The column may be lifted up or pushed down for fast action, or can be adjusted

for fast action, or can be adjusted for height by a hand crank that moves the column a full 13/16 in. per turn. Designed for the small camera user, the tripod also features: spring-positive brake lock which holds the column firmly at any height and releases quickly for fast adjustment; a wide sweep crank for raising or lowering. The tripod telescopes to 24% in. for carrying and snaps into operating position with pod telescopes to 24% in. for carrying and snaps into operating position with a simple push and twist. A % in. elevator column with a 14 in. rise permits maximum over-all height of 68 in. Price of Whitehall "Prince" tripod, which weighs 3½ pounds, \$19.95. For more information, write: QUICK-SET, INC. 8113 N. CENTRAL PARK AVE. SKOVIR ILL.

8113 N. CENTRAL PARK AVE., SKOKIE, ILL.

Sylvania Blue Top Projection Lamp



A hard ceramic finish is bonded to the glass on Sylvania's line of Blue Top lamps for home movie the manufacturer, the hardtop is baked on the lamp and will not scratch (see illustration), dissipates heat, prevents light leakage, and concentrates all light output opposite the lens where it is utilized to create a brighter, clearer image on the screen. A built-in shock

absorber is said to protect filament vibration. Made in a full range of sizes and bases, the new lamp fits all standard home movie and slide projectors. For more information, write: SYLVANIA ELECTRIC PRODUCTS, INC.
1740 BEOADWAY, NEW YORK 19, N. Y.

Portable Deluve Film Editor



Large image size is featured on the new Mansfield Portable Deluxe Film Editor. Available

Available for either 8 or 16mm movie film, it has an action viewer that incorporates both framing and focusing controls, and splicer with a patented radial scraping blade. The unit is made of die-cast aluminum, and the rewinds for the 400-foot reels fold when not in use. Price of Mansfield Portable Deluxe Film Editor complete with rugged carrying case and a battle with rugged carrying case and a bottle of Mansfield's Cinement film splicing liquid: \$45 for 8mm film unit; \$49.50 for 16mm film editor. For additional information, write:

MANSFIELD INDUSTRIES, INC. 1227 LOYOLA AVE., CHICAGO 26, ILL.

Folding Minox Copying Stand



Minox owners who wish to do copying or close-up copying or close-up work can use the new Minox Adjustable Copying Stand within shooting ranges of 8 to 18 inches. Four adjustable three-section legs support the Minox above the material to be copied. Extension legs are notched for quick

setting to 8, 10, 12 and 18 inches, corresponding to the distance settings on the Minox camera. Intermediate distances can also be set.

No supplementary lenses are required since the Minox can be focused as close as 8 inches. The camera attaches to the as 8 inches. The camera attaches to the stand by means of a camera clamp and there is a cable release socket. Photographers who wish to copy books and documents can obtain Special Minox ASA 5 Micro-grain Copy Film. Price of Minox Adjustable Copying Stand, \$29.50. For more information, write: KLING PHOTO CORPORATION 235 FOURTH AVE., N. Y., N. Y.

Viewlex "Project-O-Matic"

There's a visual



There's a visual selector window for quick selection and projection of any slide in the numbered tray of the new Viewlex "Project-O-Matic" 2 x 2 slide viewer. The 300-watt, motorfan cooled unit, which also accommodates Bantam slides, can be used for any type of slide mount intermixed, has built-in automatic slide changer, and a built-in storage compartment for an arxtra tray.

a built-in storage compartment for an extra tray.

Other features are: Luxtar 5-inch, f/3.5 coated lens; shutter couples with changer and wipes out light on screen in-between slide projection; full, forward or reverse projection in sequence blower lamp switch which automatically starts cool air circulation before lamp is turned on; and self-leveling spring lock tilt control. Construction is all (Continued on page 34)



edv - e rnsrdaeddeeg

ANAMORPHIC IDE-SCREEN 3-DIMENSIONAL

The Marketon

3 o z

FIRST GINERALLE THEN CINEMASCOPE

VISTASCOPE LEN

ORDINARY LEN

ORDINARY LEN

WIDE-ANGLE LENS

Right in your own home — thrilling 3-dimensional wide screen movies and slides! You capture all the excitement and realism of the moment with Vistascope! Vistascope's new dimension produces screen sensations for every amateur! Vistascope gives "you are there" realism without special glasses — makes ordinary movies and slides seem unrealistic by comparison.

Plus a 50% savings in film! Now one shot does what 2 or 3 did before — eliminates panning — increases horizontal sweep by 50%.

Now all major Hollywood productions use anamorphic lenses for wide-screen films. There is no substitute for the double focal length anamorphic lens! No spherical lens gives the depth sensation of Vistascope! Convince yourself — try it!

For smm movie cameras and projectors—\$75.00 For 16mm movie cameras, 35mm° cameras and projectors (also sts refex cameras having 35mm adapters)—\$155.00 For unit compatible with Cinemascope both taking

100% increase — \$150.00 *Having 65mm and longer focal lengths.

and projection - fits 8mm, 16mm, 35mm -

The Vistascope lens fits in front of your regular camera lens or your telephoto lens to "squeeze" the wide-view image onto standard film. The same lens mounts on your projector to "unsqueeze" the image onto the screen!

J. L. Galef & Son, Inc., Dept. MP-12 85 Chambers Street, New York 7, N. Y.

Send free Vistascope booklet and name of nearest dealer.

NAME

STREET ZONE STATE

Sold only of Authorized Vistoscope Dealers — Ask for free week-end trial. • J. L. GALEF & SON, INC. • 85 Chambers Street, New York 7, N. Y.

there will be better pictures tomorrow...



NIKON s-2

with everything
you'd expect to find
in a modern
precision 35mm camera

There are certain things you will look for when you select your next 35mm camera. Among them will certainly be the following:

FEATURES • ACCURACY • CONSTRUCTION • PRICE

There may be others, but in all likelihood, most of them fit into these categories. Let's see how the NIKON S-2 'stacks up' on these 4 points—

FEATURES

To start with, the Nikon S-2 is the fastest handling '35' in the field—because it works so smoothly and can be held with one hand . . . three fingers to operate it—the middle finger to focus—forefinger to release the shutter—and the thumb to give the transport lever the one, short stroke that advances the film and 'cocks' the shutter. The Nikon S-2 also has a 1 to 1, lifesize-image rangefinder-viewfinder, combined in one system and viewed through one eyepiece. The fast rewind lever enables you to 'roll back' the film in less than 20 seconds for a full 36-exposure roll. And then there's the positive synch selector that permits perfect synchronization for various flashbulbs at all speeds up to 1/1000th second, and for speedlights at 1/50th. There is more, but let's get on.

CONSTRUCTION

That's a pretty difficult thing to judge unless you 'tear' the camera apart. But, there are some things you can see. For example, the transport and rewind levers are both made of stainless steel. That's the most rugged assurance of long trouble-free service. Now examine the finish of the camera. That tells something of the inside. Note also the fit of the lens in the body—the absence of 'play.' And here are two

other facts: 1. The reflecting elements of the Nikon S-2 rangefinder are gold-surfaced instead of silver—no tarnishing or darkening with age. 2. The Nikon S-2 shutter moves across the plane in 17 miliseconds, making it 50% more effective for stopping action and preventing elongation distortion. And even the tripod socket has been built into the body proper—centered and balanced—instead of being attached to the base-plate.

ACCURACY

We've talked about the rangefinder—but note how it responds to every movement of the lens. That's 'on-the-nose' accuracy where it counts. Much of what has been said of Features and Construction relates to accuracy—the shutter speeds—flash synchronization—frame spacing—never a double exposure unless desired—and the way the film draws across the back . . . evenly . . . because the take-up spool is fixed and aligned in the factory.

PRICE

This is not the least of considerations when choosing a camera and the Nikon S-2 'takes first place' on this count too.

NIKON 5-2

with 50mm Nikkor f2 Lens \$29950 with 50mm Nikkor f1.4 Lens 34500



Write for descriptive literature to Dept. AM-2.

NIKON incorporated 277 Fifth Avenue, New York 16, N. Y.

Research microscopes, contour projectors, surveyors' transits, prism binoculars, and fine optical and ophthalmic instruments.

because there are more NIKON cameras and NIKKOR lenses being sold today

NIKKOR

the widest selection
in the field featuring
high speed <u>and</u>
high resolution

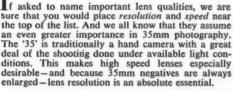


25mm f4 Ultra Wide An	gle \$169.50
28mm f3.5	
35mm f2.5	139.50
35mm f3.5	89.50
50mm f2	125.00
50mm f1.4	169.50
85mm f1.5	299.50
85mm f2	175.00
105mm f2.5	152.50
135mm f3.5	135.00
180mm f2.5	399.50
250mm f4	224.50
500mm f5	
Beffey Housing frequire	ed for

^{*}Supplied with Matching Lenshood/Filter Holder

180. 250 and 500mm lenses

NIKKOR lenses are also available in Contaxtype bayonet and Leica-type screw thread and mounts.



The Nikkor lenses were planned for 35mm photography. Special attention was therefore devoted to these two important problems: resolution and speed. Lenses that are sharp when 'stopped down' were always available—but the '35' demands lenses which are equally sharp at full apertures. That Nikkor lenses have achieved this objective is now a matter of record.

Let us go back to the now famous 50mm Nikkor f1.4. It created an almost immediate sensation. Never before had there been a lens of such speed capable of such high resolution. In a very short time, virtually every important 35mm photographer acquired one of these superlative lenses.

Then came other Nikkor lenses—wide angle, telephoto and medium telephoto—each a top lens in its class—and in each, the unmistakable quality that now identifies all Nikkor lenses: high speed and high resolution. The world's leading feature photographers were quick to adopt these lenses, as well—and with the same enthusiastic acclaim.

Today, Nikkor represents the largest selection of lenses for 35mm cameras. Thirteen Nikkor lenses are, in fact, available—ranging from an ultra wide angle 25mm to a 10x 500mm telephoto. The improved resolution which these lenses have attained is the cumulative result of many optical factors—better color correction, and an absolute minimum of field curvature, coma, spherical aberration and flare—all the result of superior design and the use of newly developed types of optical glass.

If you use a Nikon 35mm camera, these lenses will provide you with the most effective camera-lens combination ever offered. But even if you use another make of camera, you can still realize the advantages offered by these truly amazing lenses . . . as many 35mm camera owners have already discovered. That is why you'll find so many 35mm cameras—other than the Nikon S-2—owner-equipped with Nikkor lenses



105mm f2.5

Nikon Cameras and Nikkor Lenses are sold by Authorized Nikon Dealers.

Buy The BEST for LESS at ... AIR PHOTO

FILM PACKS Minimum 3 for 2.95 10 for 8.50 99 #

35mm PLIIS-X

150

4 X 5 TRI-X

100 sheets 354 0004

495

35mm ANSCOLOR Daylight or Tung. sa. 89 % m order 5 for 4.45 plus 45¢ post & inc

ROLL FILM 120 or 620

Buy now save. Minimum order 10 rolls.

10 ROLLS TRI-X SUP XX INFRA RED 25 ins.

4x5 CUT FILM

ANSCO TRI-S75	shts 4.50
SUPER XX, Pan75	shts 4.50
HI-SPEED PAN75	shts 4.50
ORTHO-X75	shts 4.50
NI-SPEED PANCHRO75	shts 4.50
COMMERCIAL ORTHO48	shts 3,20
COMMERCIAL75	shts 4.50
TRI-S ORTHO 48	shts 3.20
SUP PAN PORTRAIT	shts 4.50
INFRA-RED75	shts 4.50

Yes, you may assort your orders.

35mm FILM

	100 Ft. ROLLS
Kodak	Super XXea. 1.50
Anseo	Ultra Speedea. 1.50
Backgr	ound Xea. 1.29
Kodak	Positiveea. 1.50 Infra-Redea. 2.19
Kodak	TrieX 60 2 26
Kodak	Panatomic Xea. 2.28
	35c post. & ins.

BULK FILM LOADER Slash your film cost 90%



spooled from Super Speed Aero Ektachrome, 4 times faster than Kodachrome. Specify Daylight or Tungsten. 739

35mm EKTACHROME

35mm x 20 exposure You save because this is re-

Save more!

35mm x 50' Ansce Color in BULK Use Indoor & Outdoor. FREE Filter (specify size).... 759 35¢ post. & Ins.

4 x 5 ANSCOLOR

35mm PLUS-X

100 ft. of film. Get 30 cartridges from one roll ea. 1.25 plus 55¢ post.



THRIFTLITE MODEL AC-40

Automatically syncs with ANY Camera having built-in sync X or O delay. Oper-ates on 110-115 V house current. Completewith gun handle, 7" reflec-tor, lifetime tube, and 20' of cord.

1895 New Demo.

GREATEST

BINOCULAR

All have coated lenses—All are guaranteed IMPORTED HI-POWERED



Individual eye-piece focusing. Achromatic coated optics. All metal construction. Regular \$46.00

Case 3.75 BRAND 2195

85¢ post. & ins.

7x50 PRISM | 6x30 Dienstylas (ZEISS)

indiv fee not etd. New 36 00* 7x35, Anchor, indiv foc. used 57.50* 16x50, Indiv fec, ctd opties, new 31.95* 20x50, Indiv foc, ctd opties, new 54,50*

> \$844 100% E.E.T. Cases from 3.95

JUMBO GADGET BAG

Genuine Leather. Holds about every-thing. Large roomy 5x10x12. Tuff stitching. BRAND-NEW

1195

65¢ post. & ins



Film & paper is outdated surplus and guaranteed equal to fresh. You must be SATISFIED! Prices F.O.B. N. Y. Include postage. Minimum erders un-der 2.50 C.O.D.'s with 25% deposit. Subject prior sale.

SAVE on USED ROLLEICORD V



13.5 COATED XENAR M-X SYNCHRO

discon't 8695 Importer's

Case 8 50 1.00 post. & ing

MANSFIELD ACTION EDITOR

Automatic splicer. • 1200 ft. rewinds. All metal die cast viewer. • 21/4x31/4 creen with glass prism shutter. BRAND-NEW LATEST MODEL 8mm (200') 16mm (400') 1.65 post. & ins.

16mm BOLEX H-16 THREE LENS TURRET MODEL COMPLETE

ILO COATED LENG

USED 14795

GRA-LAB TIMER



Universal model. Scale
1 second to 60 secs.
Turns printer, dryer
or any machine off.
Operates 110 v AC Reg. 21.95

BRAND-NEW 1695

1.00 post. & ins.

K-20 AERIAL CAMERA 63%" f4.5 lens



Rapid-sequence action on 4x5 neg. Manual operation. Shutter speeds to 1/500. Guaranteed.

14950

16MM HOUSTON K-1A movie film developer

2,495



3 POWER MICROSCOPE

100-200-300 POWER

Ideal for the student and hobbyist. Features tri lens turret, square stage, ad-justable mirror, rack and pinion focusing. Complete with wooden case, 3 slides, BRAND-NEW

895

35mm ARGUS C-3 f3.5 lens

CASE & FLASHGUN Used



SUPPLIER TO THE UNITED STATES GOVERNMENT

3100

Complete out-fit. Nothing else to buy! 1.00 post. &



IR PHOTO SUPI

To 70% DISCOUNTS Buy The BEST

16mm MOVIE FILM | 100 ft. relia Sup X | Minimum order 3 for 8,50 | 300 | FREE Processing included | 3 ea.

100 ft, relia Sun X

9-3/8x200' PAPER Enlarging, single weight, semi-mate, 94 date; semi-mate, 94 date; semi-mate, 94 date; semi-mate, 94 gate; 2 for 7.50

8x10 ENLARGING 1,2,3 100 EL

329

10x10 CHRISTMAS CARD Lite weight contact paper 275

16mm MOVIE FILM 50 ft. MAGAZINE

Plus-X SUPER XX ea. 3 for 6.75

100 ft. ROLLS SUPER XX 300

3 for 8.50 ARE DOST FREE processing

CONTACT PAPER

SIZE	TYPE	CONTRAST	QUANTITY	PRICE
4x5 35mm	SW GL	0, 1, 2, 4	144	1.20
_x100'	SW GL	Convira #2	10 rolls	5.00
8x10	DBL WT	E-1, E-2,	100 '	2.00
8x10	SW SM		100	2.00
8x10	WE MT		100	2.00
10x10	SW GL		100	2.50
10x10	SW SM	#1, 3	100	2.00
10x10	DBL WT		100	2.00
11x14	SW SM		50	3.50
20"x30"	SW SM	F1, F2, F3	2 rolls for	4.00
40"x30"	SW GL		2 rolls for	3.95
40"x30"	SW GL		2 rolls for	
40"x30"	SW GL	F4 Industro	2 rolls for	6.95
30"x30'	SW GL	Silver Print		
		# 327	2 rolls for	9.95
1	Estimate	and includ	e postage	

ENLARGING PAPER

SIZE	TYPE												
4×5		CONTRAST	QUALITY	PRICE									
01 x 8 01 x 8 01 x 01	SW GL SW SM SW GL SW SM (A)	#2, 3 #2, 3 #1, 2, 3 Varigam	125 100 100	1.50 2.69 3.29									
10 x 10 11 x 14	DW SM	#2, 3	100	7.50									
11 x 14 11 x 14	SW SM	#4 Varigam	50	2.90									
20 x 24	DW SM	#1, 2, 3	50 100 50	3.75 7.25									

SW GL Single Weight Glossy

SW SM Single Weight Semi-matte

Dauble Weight Semi-matte

Paper Prices F.O.B. N.Y.—Add Postage

120 & 620 EKTACHROME Responded from asch GGC Minimum order 3 for 1.98 plus 35¢ post & ins. 10 rolls 6.50





With diaphragm and coated optics. Can be adapted in fit any 35mm. Press camera, Speed Graphic, Color cameras, Leica, Contax, Exaktas and all types of motion picture cameras. Govicost of lens was over \$300.00.

BRAND-NEW 6750

Exakta & Praktica focusing mount 79.50

SENSATIONAL SPEED TELE 1½" f1.9 coated

Click stops and Precision Focusing Mount

Precision focusing mounts. Twice as fast as f2.5's and gives an image, 3X in size to the one you are now getting. Res. 342.50 Specify camera when ordering. 7mm f2.5 WIDE ANGLE for 8mm 14.95 Till 5 Costed Tele lens AND 7mm f2.5 Wide Angle 29.90 NEW 29.95

65c 80



6mm Extreme Wide Angle for 3mm cam-eras—NEW...... 22.95 3" fl.9 (illustrat for 16mm NEW. 27.50

65¢ pest & ins

ENLARGING LENS 2" 42 E



COATED FOR 35mm ENLARGING

Complete with mounting flange List \$29.85

Add 35¢ most & inc. 31/4" f4.5 coated enlarging lens. Click stops to f22. List \$26.95 NEW 1589

Add 45¢ post & ins



36" f6.3 LENS BIG BERTHA TELE

Dallmeyer se-ries, complete with Iris dia-phragm univer-sally adaptable to all cameras. 19950

Shed via express

for all 8mm movie cameras

BRAND-NEW

35mm SLIDE **PROJECTOR**

100 watt, all metal construcdraft cooling. Begular price is \$12.95.

Our price BRAND-NEW

739

MOVIE SCREENS Tripod stand Brilliant screen

BRAND-NEW 6.75 8.75

& ins 10.45



35mm to 5x7 ELWOOD S-2

Complete with 61/2" f6.3 lens. Long bellows draw, tilt & re-volve head

BRAND- 6950

Shop we All the

SAFE DELIVERY

anywhere in the WORLD



Compare these German made **EXTENSION BELLOWS**



with others costing double

For close-up.
Rack & pinion focusing. Folds into pocket size.

For EXAKTAS. List 29.50 1495 45¢ post & ins

Don't let price fool you **EXTENSION TUBES** at less than wholesale

st bargain we've ered. Consists of ree rings; two opters. German BRAND-NEW 495



BRAND- 1195 85¢ post & ins SPECIAL drive super action gear drive 22.50 value BRAND-NEW 16.59



State

FREE FREE MA-12

NEW BARGAIN BULLETIN with thousands of surplus items at tremendous savings. Absolutely no charge, it's free! Send today.

City

Address .

TREMONT AVE. DEPT MA 12 555 E NEW YORK 57, NEW YORK

LOWEST PRICES

New! KODAK TRI-X SUPER SPEED B & W FILM 35MM RELOADS AT BIG SAVINGS

35MM RELOADS AT BIG SAVINGS
This new fast film is twice as fast as Super XX. It
offers new exciting picture-taking possibilities. Take
indoor shots by existing light . . night sporting
events without a flash . . . fast, action pictures even
on dull days. ASA daylight exposure rating better
for the state of the state of the state of the state
factory-fresh packed film. of the state of the state
and the state of the state of the state of the state

| 36 exp. rolls 65¢ | 20 exp. rolls 45¢
| 5 rolls 53.00 | 5 rolls 52.00
| Plus X | Super X available same price
| TRI-X also available in 120 & 620-50¢ a roll

HEADQUARTERS FOR NEWEST TYPE FOREIGN FILMS

Also in 50 FOOT ROLLS—ONLY \$5.

FROM ENGLAND ...

FAMOUS 35MM ILFORD FILM
35MM HF-3—36 exp. ONLY \$1.28—3 for \$3.
27 ft, 35mm rolls \$2.
100 ft, 35mm rolls \$7.
102 & 620 (8 exp.) per roll \$5.

ANSCO 35MM COLOR RELOADS

ade from factory-fresh brand new ANSCO Film. oney back if not fully satisfied. Daylight or ungsten. Real Bio SAVINGS. 20 exp. for \$4.50

New High Speed ANSCOCHROME FILM

NEW FAST EKTACHROME
TOP QUALITY RELOADS

NOW you can get the new FAST Kodak Ekkachrome
color film at SENSATIONAL LOW PRICES in Factory Fresh fully guaranteed reloads. Made empetory fresh fully guaranteed reloads. Made empeflash of Tungsten. 100% Satisfaction guaranteed fully

20 exp.\$2.50

4 for \$9.50

YOU SAVE 50¢

FREE COLOR ENLARGEMENT . . . L'FREE UNIUR ENLARGEMENT...
. with every roll of color film processed at these LOW RATES! Ansec Color film \$1.00... Extance Color film \$1.00... Extance Color film \$1.00... Extance Chrone Somm-\$1.20 (mounted)... Custom processed by experts. You get a FREE coupon good processed by experts. You get a FREE coupon good foll ordered 1/42 full color enlargement with every

WALLET SIZE ONLY 35c EA.
COLOR PRINTS
ONLY 35c EA.
you can get quality full wallet size 21/4" x
"color prints from your 35mm color transneles at this low price. Wonderful full vivid
prints you'll be proud to show to your

friends.

GET FREE ENLARGEMENTS

FREE One color enlargement free with each 20 exp. roll Two color enlargements free with each 36 exp. roll

35mm BLACK and WHITE SLIDE From any size photo or negative

NOW-See your favorite snapshot on the screen!

most thrilling way to look at your pictures is ne screen. Now all your friends can see your res at the same time. Slides made from any negative or photo. Specify cardboard mounts

EVERYTHING IS FULLY GUARANTEED

NATIONAL PHOTO LABS, New Hyde Park 8, New York I enclose \$.....for the items and services checked above.

STREET ADDRESS

ZONE STATE Send me FREE MAILING BAGS, a sample print showing quality of work, list of services.

PHOTO LABS

NEW PRODUCTS

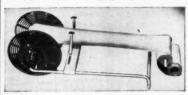
(Continued from page 28)

aluminum, high pressure casting. Price of "Project-O-Matic" with f/3.5 lens, and slip-on aircraft luggage-type case, \$59.95. A Luxtar 5-inch, f/2.8 coated lens is available for \$9 more. Numbered trays which are interchangeable for use with Viewlex Change-O-Matic cost \$1 each. For additional information, write: WITCE.

35-01 queens blvd., long island city, n. y.

"Reeloader" for Loading Film

You can save time when loading a roll of film onto the developing tank red, according to the manufacturer, if you use DeFay's "Reeloader." The unit is equipped with two upright guides to in-



sure easy entry of film onto the reel. Two arms grip the developing tank reel at its center and serve as an axle to allow free motion. Thus, it is claimed, the camera fan can load his reel by merely turning the reel as rapidly as he desires. The unit is fully adjustable for all standard roll film sizes. Finish is jet black. Price of "Reeloader," with a money back guarantee, \$2. For more information, write:

DEFAY'S PHOTO PRODUCTS
2123 E. 97TH PLACE, CHICAGO, ILL.

Filter for Angenieux Movie Lens



A slip-on type filter made espe-cially for the Angenieux 10mm f/1.8 wide angle movie lens can be movie lens can be used on turret cameras, clearing the other two lenses. This is pos-sible because the

sible because the mount has two flat surfaces on the rim. Made of thermo-bonded optical glass, the custom made SF-644 filter is available in Type A, Skylight, or any of the other popular colors. Price, \$7.50. For more information and a complete catalogue of Tiffen filters and accessive write. filters and accessories, write: TIFFEN MARKETING CO.

71 JANE ST., ROSLYN HEIGHTS, L.I., N. Y.

Astragon Long Focus Lenses

Focal lengths from 300 to 1000mm are featured in the new line of Astragon long focus lenses. Made in the British zone of Germany, they come in bayonet or screw mounts to fit all 35mm single lens reflex cameras, 16mm movie cameras which have viewing through the lens, and for 35mm professional movie



cameras. A mirror reflex housing permits use of the lenses with Leica and Contax cameras, and has a 25 power, critical focusing magnifier.

The entire line of coated lenses has the following features: stops to f/22, two engraved aperture scales (top and bottom), focusing scales in feet, and



Finest and fastest color work at the lowest possible prices.

Your prints or transparenciesare returned to you by 3rd Class Mail. For faster, 1st Class Mail add 10% of total bill.

COLOR PRINT

2X (2% x 3%) 25° 5x (5 x 7) Contact | 2% x 2% IN FOLDER 50€ 8x (8 = 10) 3x (3 x 4 %) 604 4x (4 x.5)

COLOR FILM PROCESSING ANSCO COLOR and EKTACHROME

ROLL FILM 620 . 120 . 35mm 35mm in Redi-mounts 20 exp.

The Photo Whiz

Hillside Manor 1, N. Y.



SPECIAL FREE **OFFER**

With each initial order, we give you a factory fresh roll of Ansco or Gevaert (specify) film absolutely free.

for the 8 exp. roll, developing and Jumbo prints finest 12 exp. roll......55

MONEY BACK GUARANTEE plus a new roll of film if you are not completely satisfied. Your film is processed and returned by 3rd class mail the same day received. For faster, 1st class mail, add 5¢ for each roll.

EXTRA! Handy pocket wallet FREE with each roll keeps your negatives and Jumbo Photo Whiz prints

	*	•	• •		•	•	•	٠	•	•	•	•	•	•	•	•	•	٠	•	*	•	*	*	•	*	•	-	•	•	-	
Address.			• •																									0			

City.....Zone...State..... The Photo Whiz

Hillside Manor 1, N. Y

mount constructed of durable "corrosion-proof" lightweight aluminum alloy. On lenses 500mm and up, there is a focusing wheel (see illustration showing 600mm lens). Price of 300mm f/5 lens for single lens reflex cameras, \$129.50. Price of mirror reflex housing: for Leica, \$100; for Contax, \$115. For prices of 400, 500 and 600mm f/5 lenses, as well as 800 and 1000mm f/6.3 lenses and more information, write:

561 E. TREMONT AVE., NEW YORK 57, N. Y.

New Model of Bewi-Automat Meter



A new model of the Bewi-Automat ter which can also be used for incident readings, is Known as the Bertram Bewi-Auto-mat "A," it has been redesigned so that the meter is smaller and more compact than the

one introduced last year.

Like the former model, the new Bewi-Automat features a built-in calculator for direct reading. When a button is pushed the meter records the light. When the same button is released nine shutter speed and lens combinations appear on the dial. Lens opening markings range from f/1.5 to f/22, speeds from 4 minutes to 1/1000 second.

range from f/1.5 to f/22, speeds from 4 minutes to 1/1000 second.
Other features are: the meter is equipped with a set of "Light Value" numbers found on the new Compur LVS shutters, settings are held until a new reading is taken and you can set film speed by ASA, Weston, or DIN ratings. Price of Bewi-Automat "A," complete with incident light attachment, neck cord, and dustproof plastic box, \$29.50. For more information, write: \$29.50. For more information, write: WILLOUGHBYS

110 WEST 32 ST., NEW YORK 1, N. Y.

New F/1 Long-Focus Movie Lens

wide-open lens aperture of f/1 is featured on the Elitar Soligor long focus lens for 8mm movie cameras with "D" mounts. It is also available in Bell & Howell mounts



A Howell mounts
for camera models
134V and W, and
172A, B and C. Finished in chrome, the
coated 1½-inch lens has click stops, engraved depth of field scale, and focuses
from 3½ feet to infinity. Price of
Elitar Soligor f/1 long-focus lens, \$99.95.
For additional information, write:

INTERSTATE PHOTO SUPPLY CORP. 17 W. 17TH ST., NEW YORK, N. Y.

New 35mm Film Cutter



Color or blackand-white 35mm
film can be easily
cut with the new
Lutes Standard
Film Cutter. For
photographers
who cut their own
35mm color film
prior to mounting,
the cutter automatically advances the
film 8 perforations for ASA standard
2 x 2 double frame size (24 x 36mm) pictures. Other sizes, or strips of film, may
be cut manually by advancing film to
the frame line with a lever on the front
plate.

To assure a square cut, film is inserted in long guides. The frame line is adjustable, and raising a self sharpen-(Continued on page 42)

NEW! EDIXA STEREO CAMERAS

open a new era in 3-dimensional photography!

PRESENTING Great, New Edixa Stereo Cameras ... destined to open a new era in 3-Dimensional photography! Plus the fabulous, new Steinheil Stereo Redufocus Wide Angle Converter . . . the most outstanding photographic discovery of our time!



EDIXA RANGEFINDER STEREO WITH BUILT-IN EXPOSURE METER...MODEL IIIA
This is the greatest, most-advanced Stereo Camera of our age. This spectacular New
Edixa Stereo Camera has a Coupled Rangefinder and built-in Photo Electric Exposure
Meter... and two matched f/3.5 Steinheil Cassar color-corrected lenses in two
coupled Prontor-SVS shutters with 9 speeds...settings of built, 1 second, 1/2, 1/5,
1/10, 1/25, 1/50, 1/100, 1/300 and self-timer. Also, built-in flash synchronization
and rapid-winding lever, double exposure prevention, self-cocking lever, cable and
tripod sockets and other features. Beautifully finished in satin chrome and black
species. procco leather. Priced at only.

NOW! INTRODUCING WIDE-ANGLE PHOTOGRAPHY FOR STEREO!
Steinheil's Scientists have just invented the New Redufocus which enables Stereo
Photographers to instantly convert an Edixa Stereo to a Wide-Angle Stereo Camera!
The Redufocus is attached, in a matter of seconds, to the Edixa Stereo Camera, and
provides for outstanding interior shots, groups, sports, etc. The Redufocus wide-angle
converter set is priced at \$118.50 with compensating viewfinder, and luxury leather case.



For Only a Little More

YOU CAN ENJOY THE ADDED ADVANTAGES* OF A





Finest Camera
YOU WILL
EVER OWN

The Linhof Super Technika has always been regarded as the finest of the large negative cameras... because it offered more advantages than any other. These added advantages can now be yours for very little more than the cost of ordinary equipment.

- * Built-in Multifocus rangefinder with optical prism for maximum brilliance
- * Couples to as many lenses as desired by <u>simply and easily</u> interchanging coupling cams.
- * Each coupling cam is <u>extra large</u> for more precise plotting of focusing curve.
- * 3-section track assembly and <u>triple extension</u> leather bellows allow extreme closeup photography and use of longer tele lenses.
- * Revolving back permits choice of vertical or horizontal format without altering camera position or removing from tripod.
- * <u>Back swings</u> horizontal, vertical and diagonal together with rising, falling, tilting and shifting lens standard gives more complete control of perspective distortion and depth-of-field.
- * Rapid lens interchangeability the <u>world's finest lenses</u> to choose from Linhof-tested and approved.
- * All-metal construction precision tooled and luxuriously finished.

... and the Super Technika also has: the Universal Back with Kodak Ektalite Field Lens, Parallax Adjustable Frame Finder, Drop Bed and other time-tested features.

NO OTHER CAMERA OFFERS SO MANY ADVANTAGES

Linhof Super Technika 45, less lens \$329.75
Linhof Super Technika 45 with 127mm Schneider Xenar f4.7
in M-X Synchro Compur Rapid. 394.70
Illustration shows Multifocus Viewfinder (optional)

Prices with other lenses, and in color finishes, available on request. Write to:

Sole U.S. Linhof Distributor: KLING PHOTO CORP. 235 Fourth Ave., New York 3, N. Y. . 7303 Melrose Ave., Los Angeles 46, Cal.

Bell & Howell

Christmas presents with a future

Everything for Taking Movies!
FREE Series 8 Carrying Case

with

Bell & Howell 8mm Camera Outfit

It's a beauty! It's a buy! Ready to start your future of fun this Christmas. Everything for making wonderful 8mm home movies in color or black and white—including a Bell & Howell Sun Dial camera; leather carrying case; light bar, photofloods, telephoto attachment and filter holder. All this in a FREE compact permanent carrying case—handsome luggage styling. Check it for giving or for asking for, yourself.

Wilshire matched set \$8985

Monterey matched set \$9985

The famous

Bell & Howell

Wilshire

8mm camera makes movies as easy as snapshots

\$4995







When you dial the sun, you're set to shoot!



Features found in no other camera make the Wilshire (and its faster-lens mate, the Monterey) easiest to use. Exclusive Sun Dial, huge viewfinder, wide angle lens make sharp, clear pictures a cinch!



AUTO-8 VOYAGER 8mm Magazine Camera

Who wouldn't be proud to give, delighted to get a beautiful magazine camera like this? Loads in 3 seconds! Five speeds, including slow motion, built-in exposure guide, interchangeable f/2.5 lens. Fits into pocket or purse.

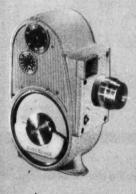
\$13495

AUTO-8 EXPLORER with the same standout features, plus 2-lens Swifturn turret.

\$16995



COMPANION 8mm Movie Camera



So reasonably priced, yet chock full of de luxe features! Pocket-size and so light weight it's a perfect traveling companion. Drop-in spool loading, built-in exposure guide—actually easier to use than a still camera. Four speeds, 0.5 inch 1/2.5 lens.

\$7995

AUTO LOAD I6mm Magazine Camera

Happy days ahead for the one who gets this beautifully designed 16mm magazine-load camera! Remarkably compact, yet packed with features—3 second loading, 12½ ft. film run, built-in exposure guide, 5 operating speeds. Precision built by Bell & Howell to make needle-sharp movies in black and white or color. 1-inch f/2.5 lens.

\$17495



Great gifts for giving Great gifts for getting

BV

Bell & Howell



CHECK THE STAR FOR GIVING

CHECK THE BELL FOR GETTING

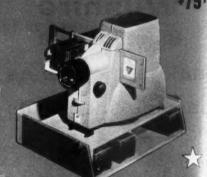
TDC HEADLINER 303 35mm Slide Projector



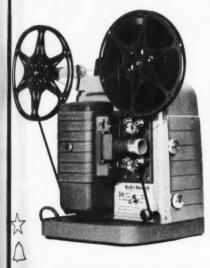
STREAMLINER 500 35mm Slide Projector

A bright idea for Christmas — the extra brilliance of this 500-watt projector. Wind-Tunnel Cooling, Airflow case, SELECTRON changer, gear focusing, coated 5-inch f/3.5 lens.

\$797

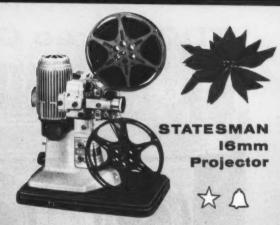


MONTEREY 8mm Movie Projector



WAS \$9995 NOW\$7995

A bargain price and what a value! Famous Bell & Howell quality is built into this easy-to-operate projector. Anyone can run it. Brilliant 500-watt lamp, 400-ft, film capacity for a 30-minute show. fast power rewind everything to make it fun to show 8mm movies. 1-inch f/1.6 lens, die cast aluminum case, swingout lens mount for easy threading.



Picture the pleasure this fine, flicker-free projector will bring this Christmas, and for years 'n' years! Bright, larger-than-life movies, sharp and clear. Full 400-ft. film capacity. Still picture projection and reverse. Easy to operate. It's lightweight, portable, with handsome snap-on case.\$19995





WIND TUNNEL COOLING SAFEGUARDS SLIDES



Steady stream of cool air sweeps upward. AIRFLOW CASE holds projector, changer, seectrays.



MODEL D

35mm Slide Projector
Compare the precision. Compare the performance of this 300-watt, Wind-Tunnel cooled projector and you'll see why it's the buy for giving and partial. why it's the buy for giving and getting! Whisper-quiet VENTURI Blower keeps slides safely cool, roller bearing focusing, SELECTRON-Semimatic Changer, coated 5-inch f/3.5 anastigmat lens

NEW TOC HEADLINER 35mm Slide Projector

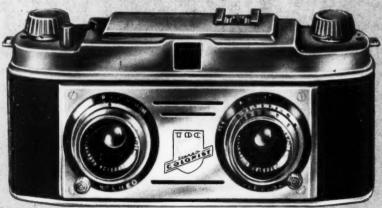


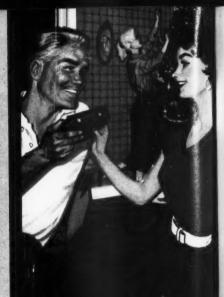
What a break for Santa! This new top-quality TDC projector at a sensational low price — only \$39.95! Yet it's jam packed with wanted features. Blower cooled. Deluxe manual changer. Also accepts SELEC-TRON-Semimatic changer and 300-watt lamp. With 5-inch f/4 lens and 200-watt lamp . . . only \$3995

Bell & Howell

TDC Stereo Colorist

Price reduced in time for Christmas!





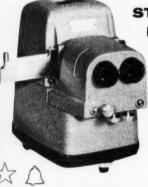
Was \$8450 Now

\$6950



A sensational value at the old price — now an unbeatable buy! "Deep Focus" makes it easy to get sharp, real-as-life 3-D pictures. Double-exposure prevention. Synchronized for all flash. Rugged die-cast aluminum body. Gauthier shutters with matched f/3.5 lenses. Capture Christmas in 3-D at a saving.





It's a proud Christmas for the family that gets this brilliant 3-D performer. It's tops! Twin 500-watt light system. (750-watt system optional.) Coated f/3.5, 5-inch matched lenses.

\$14950

TDC STEREO

Here's easy viewing! Throws 3-D pictures on big 72-sq. inch black viewing glass. Twin 3-in. f/2.8 coated anastigmat lamps, blower cooled. A dramatic gift!

\$11950



see these gift ideas
at your **Bell & Howell** dealer



MIRACLE 2000 TAPE RECORDER

\$ €

Bell & Howell

AUTOCORD

Minolta Your Best Buy

Designed to fit your needs - priced to fit your budget, precision-built Minoltas have the features of the most expensive cameras—plus exclusive extras. They make picture taking a joy, give you needle-sharp, full-toned negatives, and stand up under the hardest use.

Minolta cameras are manufactured by Chiyoda Kogaku Seiko. K.K., international leaders in the field of optical equipment. No other company, anywhere in the world, boasts higher standards throughout every step of manufacture. From the initial design to the finished product, the strictest ethical and production regulations prevail. It is no wonder, then, that Minolta Means More, in any language.

Here are Two of the MINOLTAS **Leaders in Their Respective Fields**

Minolta AUTOCORD

HELICAL POCUSING LEYER, actuated by index finger of hand supporting camera, sweeps focus from 3 ft. to infinity in a single stroke. Automatic film transport advances film, counts the exposure, and sets shutter. TAKING LENS is ROKKOR 75mm F/3.5, 4-element, highly color corrected and coated. VIEW-ING LENS is ROKKOR 75mm F/3.2, 3-element, fully coated. OPTIPER MX PRECISION SHUTTER, synchronized at all speeds from 1 second to 1/400th and bulb, with built-in self timer and safety-locking body shutter release. Takes 12 2¼" x 2¼" exposures on standard 120 color or black-and-white

Minolta A

This outstanding camera, anyone would be proud to own, will be available at your dealer's in early November—in plenty of time for Xmas giving. Here are some of its exceptional features. SINGLE-STROKE LEVER advances film and winds shutter automatically. COUPLED RANGEFINDER combined with viewfinder, easiest to use at any price. ROKKOR 45mm F/3.5, 4-element lens, highly color corrected and coated, for wider angle of view and greater depth of field. CLICKSTOP DIAPHRAGM for easy setting. OPTIPER behind-

Accessories are available for all Minolta cameras, including flash units, filters, close-up lenses, lens hoods and self-timors

See the Mineltas at your favorite photo dealer's, or write for information to: THE FR CORPORATION, 951 Brook Avenue, New York 51, New York In Canada, Anglephoto, Ltd., Montreal, Toronto, Vancouver

MINOLTA CAMERAS - MANUFACTURED BY CHIYODA KOGAKU SEIKO, K.K., Osaka, Japan

New York Office: 150 Broadway, New York 38, New York Manufacturers of Fine Cameras and Lenses since 1927



All Minella cameras carry the unconditional guarantee of the manufacturer, makers of the most popular comeras in Japan for over 27 years, PLUS the additional guarantee of the FR Corporation, exclusive U. S. sales agents for Minelta cameras and accessories and famous for over 21 years as manufacturers of high-quality photographic products — year double assurance of absulpts spillatefular.

Control Contro



NEW PRODUCTS

(Continued from page 35)

ing knife handle automatically transports film to precise width. Lowering the knife handle cuts the film, and once the film is inserted fingers don't touch it. Made of cast aluminum, with wrinkle finish, the unit is $5 \frac{1}{2} \times 6 \times 2 \frac{1}{4}$ inches in size. The manufacturer claims that you can easily cut 40 to 60 chips (24 × 36mm pieces of film) per minute. Price, complete with a one year warranty, \$21.95. For additional information, write: RICHARD MANUFACTURING CO. 5914 NOBLE AVE., VAN NUYS, CALIF. ing knife handle automatically trans-

4-Lamp Movie Light Bar



Designed for

Designed for motion picture photography, the new Brownie 4Lamp Movie Light (shown) is said to give adequate light for making movies with Kodachrome at distances up to 18 feet with a standard f/1.9 lens. Two switches permit using only two of the four flood lamps when making closeups. This eliminates the necessity of readjusting lens aperture when switching from a general view of the scene to a closeup. Also featured is a new hand clip on a removable bracket which permits all the lights to be above the camera lens axis, eliminating the unnatural effect of shadows that are thrown upward. The unit can be used with most 8 or 16mm movie cameras that have a standard tripod socket. Price, without bulbs, \$8.45. For additional information, write: EASTMAN KODAK CO. ROCHESTER 4, NEW YORK

B&H Matched Camera Sets



A free Deluxe Series 8 carrying case for movie equipment comes

case for movie equipment comes with each Bell & Howell 8 mm matched camera set. Made of durable laminated plywood, the new case, according to the manufacturer, has a marproof, scuff-resistant two-tone wrinkle finish.

Fitted inside are a Wilshire 8mm camera (or a Monterey 8mm camera), a leather camera case, and a Bell & Howell light for indoor movies with two 375-watt flood lamps. A leather case in the lid holds a 2½ time telephoto attachment, a filter holder and retaining ring. Space is provided for two 50-foot rolls of film. Price of complete set: with Wilshire 8mm camera, \$89.85; with Monterey 8nm camera, \$99.85. The manufacturer states that both prices include cost of equipment only, that the case is a gift. For additional information, write:

BELL & HOWELL COMPANY
7100 MCCORMICK RD., CHICAGO 45, ILL.

Kodak's stainless steel processing rack holds up to 30 reels of black-and-white or color film. Designed for use with Nikor film reels, it fits the Kodak Hard Rubber 8 x 10 tank and other tanks of about the same inside dimensions. Construction of the rack is open to minimize solution carryover and facilitate washing. Either 30 reels of 135, 828 or 127 film can be accommodated, 18 of 120 or 620 film, or 12 of 116 or 616 film. When a variety of sizes are to be processed, reels can also be intermixed. Price of Kodak Processing Rack: \$36.50. For more information, write: Eastman Kodak Co., Rochester 4, N. Y.

X A - A

TIME Only 10% Down!

If you choose to buy on "time" . . . there's no increase in our famous low prices! Only 10% down buys anything at Peerless! Buy now use it, enjoy it as

WORLD-WIDE PURCHASING POWER!

Because we buy such tre-mendous quantities, our buyers go directly to the buyers go directly to the source . . . where ever it may be! Quantity imports are brought to you far below their nationally advertised prices!

HIGHEST TRADE-IN ALLOWANCES!

No one can offer a higher price for your used photo-graphic equipment! No make or model too old! Don't trade until you get our estimate...and you'll get our esti-mate within 24 hourst

NO GREATER SELECTION **ANYWHERE!**

Over 100,000 Photographic Values to Choose From! The World's Largest Selection of Domestic Brands and Quel-ity Imports! If it's Manu-factured — Peerless Has it — at the Right Price!



For Rapid Indexing, Viewing & Storage of 180 Slides With the Purchase of This Slide Outfit!

TDC SLIDE TRAYS!

Three Great Names Combine to PEERLESS * Bell & Howell * TDC SAVE \$30.05! BRAND NEW!

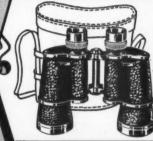
SHO

300 W. BLOWER COOLED PROJECTOR OUTFIT COMPLETE WITH CASE, SEMIMATIC CHANGER PLUS SIX TDC SLIDE TRAYS!

4" COATED ANASTIGMAT LENS
 BLOWER COOLED
 Discontinued Model
 Complete Outfit Only

OUTFIT TOTAL UST \$66,001 **E95**

300W



PRICES EVER! EXCLUSIVE! Hambletonian Binoculars

Brand New 7x50 BINOCULARS 2250 Prism
 Nigh Power
 Individual Focus

Add 10% Federal Excise Tax to all Bi

Complete With Leather Case & Straps!
High Magnification, Maximum Image Brightness and
Large Objective Lenses Make the 7 x 50 Binocular
Ideal for: ANVIGATION EXPLORATION
- YACHTING - NIGHT VIEWING .24.30 .21.50 .24.50 .15.50 .17.95

20.50

DEAL GIFT FOR GIFT GIVINGI
31.55

34.55

THEATER GLASSES THEATER GLASSES . Prism imported 15*8

PRISMI - BRAND NEW! - HIGH

POWER! • ALL METAL CONSTRUCTION!



TELEPHOTO LENS List is 5.00-Only at Paeriass

RRAND NEW! Single-Lens Reflex SAVE 207.80! LATEST 1956 MODELS

Single-Lens Reflex Camera with 12.8 Ctd. PRE-SET TESSAR Value \$299.751 Shutter Speeds from 1 to 1/1000 - Pentaprism Eye-Level Through-The-Lens Focusing
Automatic Exposure Counter - Delayed Action Self-Timer - Built-in Synchronization
for Flash and Strobe BRAND NEW NEXACON "35" WITH: 12 Coated T.H.C. - Value \$400.00. . \$4.85

FREE! \$29.75 KODAK B.C. EKTALUX FLASHGUN with each Purchase of:
35mm HEXACON '35' yes-ter CLass \$95.75! [24°5]



SPECIAL PURCHASE! BRAND NEW! ONLY AT PEERLESS! SAVE UP TO \$100.05! PORTABLE TAPE

COMPLETE with MICROPHONE CASE, REELS and TAPE! Two-Speed, Two-Hour Operation—Recording or Playback
- Instantaneous, Automatic Braking of Both Tape Reels

Operates Horizontally, Vertically, Even Upside Down Fast Forward and Rewind Speeds—40 to 1 Ratio

MODEL

RECORDERS

LIST \$129.501

OTHER PENTRON MODELS at AMAZING SAVINGS! EVERYONE BRAND NEW!... FULL WARRANTY!

104.95

TURN for 2 MORE

Exclusives! Special Purchases! New &

PEERLESS SENSATION! YOU SAVE \$27.80 ON A BRAND NEW

Kodaslide Highlux III 300 WATT SLIDE PROJECTOR

NEW LOW PRICE!

SAVE \$45.55! ON A BRAND NEW 21/4 x 21/4

COATED LENS

PEERLESS SPECIAL PURCHASEI

You Save \$41.55 On A Brand New! Exclusive German Imports 5mm WELTI I with 12.9 MEYER TRIOPLAN LENS

TWIN-LENS FOCUSING REFLEX WITH 13.5

A \$49.50 Valuel 2395

Lint \$67.501

PEERLESS' LOW 25%

9 Shutter Speeds - 1 Sec to 1/200 Built-in Flash - Double Exposure Pre-vention - Parallax Corrected Viewfinder
 Auto Film Counter - Body Shutter

Shin. Wr 10 th

With 5" 13.5 Coated Ektanon Lens PLUS BLOWER CASE

List \$54.751 2695

High Light Output
 Built-in Elevation
 Sturdy Construction
 Discontinued
 Fan-Gooled for Silde Projection
 Ready Access to Optics

• Long Cord



YOU SAVE \$49.50 ON A USED KODAK SIGNET

★ CAMERA ★ CASE ★ FLASHGUN 13.5 Control Exter Lons List \$91.45 Flash Synchronized
Double Exposure Prevention
Coupled Rangefinder & Viewfine



YOU SAVE \$24.00 ON A USEL **BELL & HOWELL 220** MOVIE CAMERA

12.5 Control Lans 2595 "Sun Dial" Lens-Setting Device



YOU SAVE \$150.50 ON A BRAND NEW KINE EXAKTA VX

with 12 Coated C.Z. Preset Lens

*Built-in Synchronization Flash & Strobe

*29 Shutter Speeds from 12 to 1/1000

Seconds * Built-in Self-Timer * Interchangeable Lens Mount * Discontinued List \$335.00



DU SAVE \$34.00 ON A BRAND NEW

MEX MAGNITIC DISC

PRICORDER OUTFIT

pplete With Microphene, Redie-Phene Cere,

ser Megnet and Recording Disc

condid directly from Radio, Phone

cond of U * Recording Disc can

2595 TIMEX omplete With Microphone, reser Magnet and Recording Records directly from Radio, Pi graph and TV - Recording bis be re-used 10,000 times Adapts to play 45 RPM records



A PERRIESS EXCLUSIVEI
YOU SAVE \$37.00 ON A BRAND NEW
35mm RIVAL
'35'
with f2.9 Control dens
- 9 Shutter Speeds to 1.250 Sec.
- Shutter Speeds to 1.250 Sec.
- Shutter Speeds to 1.250 Sec.
- Parallas Corrected Viewinder



YOU SAVE \$45.55 ON A USED 35mm ARGUS C-4

with f2.8 Coated Lons
Coupled Rangelinder
Built-in Flash Synchronization
Double Exposure Prevention





 Compur Rapid Shutter
 Delayed Action Self Timer
 Speeds 1 to 1/500 Sec.
 Cross Coupled Linear Scales 8795 YOU SAVE \$33.25 ON A USED LA BELLE



2 x 2 SLIDE PROJECTOR

13.5 Course Lans

500.Watt Lamp

Blower Cooled

Automatically Feeds and Changes Slides 4795



SAVE 90.45 USED! WORLD-FAMOUS B & H Autoload 200-A m MOVIE CAMERA

with f1.9 Coated Lens
• Magazine Load
• Variable Speeds

10950



SENSATIONAL SAVINGS ON . . . FEDERAL Enlargers YOU SAVE \$17.80 ON A USED FEDERAL 269

with 31/2" Coated Lens 2195 Used 25.95



PEERLESS SUPER BUYS!

EVERYONE GUARANTEED ONE FULL YEAR!

ONLY A PARTIAL LIST OF GREAT BUYS IF YOU DON'T SEE IT-WRITE-WE HAVE IT! LEICA CONTAY NIKON CANON

LEICA, CURIAA,	MINUM, CAMUM
	New Used
Canon IV S 2 fl.8 Serenarg	\$284.00 \$128.95
Contax I 12.8 Tessar	
Contax II f2 Sonnar	77.95
Contax III f2 Sonnar	103.95
Contax IIA f1.5 Sonnar ¢*	374.00 159.95
Contax IIIA f2 Sonnar &*	
Contax IIIA f1.5 Sonnar e*	
Leica IIIC f3.5 Elmar ¢	
Leica IIIC f2 Summitar c	114.50
Leica IIIF f3.5 Elmar ¢*	
Leica IIIF f2 Summicron ¢*	
Leica IIIF f1.5 Summarit ¢*	
Nikon f2 Nikkor ¢*	
Nikon fl.4 Nikkor ¢*	

35mm	SINGLE	LENS	REFL	EX
Exa f2.8 Westar I	AXe*		\$ 85.00	
Exakta V f2 Biotar Exakta VX f2.8 A	MX¢	*********	239.50	98.95 148.95
Exakta VX 11.9 Au	to Xenon		341.70	189.95
Contaffex 12.8 Tes Contax D 12 Biota				81.95 89.95
Rectaflex f2 Xeno	n RF e*, case &	shade	350.00	119.50

35mm CAMERAS	
Argus 21, f3.5¢*\$ 49.95	\$ 29.5
Bolsey B-2 RF, case and flash 66.50	26.9
Bolsey C22 13.2 Reflex RF e* 99.50	56.9
Contessa, 12.8 Tessar ¢*	72.9
Graphic 35, 13.54°, Case and Flashgun 89./5	53.9
Kodak Flash Bantam f4.5 ¢* 56.00	23.9
Kodak Pony 828 f4.5 C*	14.5
Kodak Pony 135 f4.5 C*	17.5
Kodak Retina II f2 Xenon RF	52.5
Kodak Retina IIA RF MXe*	69.9
Kodak Town & Country f3.9 RF case & flash 75.00	43.9
Kodak Auto Retina III C f2 Xenon*¢ 190.00	115.99
Minox IIIS chain & case*	78.9
Minox II f3.5¢	48.50
Voigt Prominent 12 RF MX¢*	124.9
Voigt Vitessa #2 RF MX¢*	72.9
Voigt Vito II f3.5¢* 54.50	23.9
Voigt Vito III 12 RF MX*	68.9

35mm	S	TI	RE	0	CA	MERA	
floca II 13.5¢*			 			\$ 69.50	\$ 48.95
Kindar 13.5 RFe"			 			99.50	58.95
Kodak Stereo f3.54°			 			84.50	46.95
Revere f3.5 RFc*			 			174.50	73.95
Stereo Realist f3.5 RF	e".		 			159.00	64.50
Stereo Realist 12.8 RF¢	*		 			198.50	106.95
TDC Colorist f3.5¢*			 			99.99	68.95

2% x 2% REFLEX CAMERA	S
Ciroflex D f3.5¢\$ 75.00	\$ 33.95
Ciroflex F 13.2 MXe*	66.95
Graflex 22 f3.5 C° 93.00	44.95
Hassetblad f2.8 Ektar/1600 C° 476.00	278.95
Hasselblad f2.8 Ektar/1000 F 379.50	196.95
Ikoflex IIA Auto f3.5 Tessar MXc°	72 95
Kodak Reflex II 13.5¢*	55.95
Richoffex #3.5¢° 39.95	19.95
Rolleicord III f3.5 Zeisse*	58 95
Rolleicord IV f3.5 Xenar MXe*	64.50
Latest Auto Rollei III 13.5 Xenar MXc* 234.50	133.95
Latest Auto Rollei III f3.5 Tessar MXc° 249.50	143.95
Latest Auto Rollei 2.8 C f2.8 Xenctar MXe* 309.50	175.95

(Symbols: RF Coupled Rangefinder, ¢ Coated, * Flask Shutter)

Highest TRADE-IN ALLOWANCE Only 10% Down - EASY TERMS!

NEW LOW PRICE Save \$34.551 Br

THRIFT-LITE IIX ELECTRONIC

Ship, Wr. 5 Lbs. COMPLETE 2495

Super Fast Flash-1/1000 Sec. Completely Portable - Unit Weighs Only 1.7 lbs. - 60 Watt Seconds

Complete One Piece Unit - Complete One Piece Unit

ACCESSORIES FOR THREFT-LITE List Sale
BATTERY PACK 24.50 14.95
EXTERNSON LIGHT 29.95 21.06
INTENSIFIER (Doubles Light Output) 24.50 14.86 PLEASE STATE NAME OF CAMERA WHEN OR



Release • Helical Focus Mount • Depth of Focus Scale • Tripod Socket ABSOLUTELY BRAND NEW CAMERA & PROJECTOR

BOTH FAMOUS NAMES . FULLY GUARANTEED! Reg. \$59.95! Fai

Reg. \$39.95 | Famous German Mors Smm AK-8 MOVIE CAMERA with \$2.0 C.Z. Crd. Triester Lens • 7½ Ft. Spring Orive • 10 Run Footage Counter • Regular Single-The Protage Counter • Regular Single-Regular • Regular • Reg





BUYS EVERYTHING PEERLESS OFFERS AT NO INCREASE OUR WORLD-FAMOUS LOW LOW PRICES! IN

39.85

PEERLESS SUPER BUYS!

EVERYONE CHARANTEED ONE FULL YEAR!

ONLY A PARTIAL LIST OF GREAT BUYS IF YOU DON'T SEE IT-WRITE-WE HAVE IT!

8mm CAMERAS

	New	Used
B&H 134V f2.5¢	\$ 89	.95 \$ 38.95
B&H 134TA fl.9 Ture		95 98.95
B&H 172A f1.9 Mag. Turc	199	.95 117.95
B&H 252 f2.3 Montereye	59.	
Bolex C 8 f2.8 Yvare		50 Used 62.95
Bolex H 8 De Luxe fl.9 Ture	269	.50 Used 142.95
Kodak Brownie f1.9¢	46.	
Cine Kodak Reliant f2.7c		
Cine Kodak Magazine f1.9c.	149	
De Jur Citation f2.5c		.50 37.50
De Jur Embassy f2.5 Mage Keystone K-32 Olympic f2.5¢		95 56.95
Keystone Bel Air f2.5 Mage.		
Keystone Riviera fl.9 Mag Tu	120	
Revere 50 f2.8¢	4949	50 22.95
Revere 88 f2.5¢	74	
Revere 80 f2.5¢	97.	
Revere 84 fl.9 Ture	147	
Revere 67 f2.8 Mag Ture	119	
Revere 40 f2.5 Mag c	99	
Revere 44 fl.9 Mag Ture	164	50 91.95
Revere B63 f25 Mag Turg	142	.50 83.50
moreto woo tad mag turs	196	.50 83.50

8mm PROJECTORS

B&H 221 500 W Case\$ 84.50	\$ 44.95
B&H Regent 500 W Case	91.95
De Jur 750 W Case	74.95
Keystone K70C Brightbeam 500 W Case 69.50 Keystone K95, 750 W., Case	39.95 68.95
Revere 85, 500 W., Case	56.50
Revere 90, 750 W., Case	65.50

ROLL FILM CAMERAS

Kodak Chevron f3.5 RF 800 MX*\$198.50	\$128.95
Kodak Medalist II 13.5 Ektarg* 304.75	105.95
Polaroid Pathfinder f4.5 RF 249.50	145.95
Super Ikonta BX f2.8 Tessar RF¢* 163.00	99.50

PRESS CAMERAS

21/4x31/4 Pacemaker Speed	d f4.5 KRF¢*	\$313.95	\$146.95
31/4x41/4 Pacemaker Crow	n f4.7 KRF¢*	267.45	139.50
4x5 Pacemaker Crown f4	.7 KRF¢*	315.45	138.95

SLIDE PROJECTORS	
Argus PB 300, case¢\$ 48.50	\$ 23.95
Argus Automatic 300,¢ case	36.95
GoldE Manumatic 300 W.c 58.50	24.95
GoldE Coronet 300 W. casec	21.95
GoldE Reflex 300 W. case 21/4 c	48.95
Kodaslide Signet 500 Wc	45.95
Kodaslide Table Viewer 4x	26.95
-LaBelle 55 Automatic 500 We 95.00	48.95
LaBelle 75 Auto Remote 500 W cases 154.95	94.95
Revere 444 300 Wc	28.95
Revere 555, 500 W.¢	49.95
Revere 888, 500 W.c	68 95
TDC Headliner 300W Semimatice 49.99	21.95
TDC Streamliner 500W Semimatice 84.50	47.95
TDC Duo 300¢, 21/4x21/4	33.95
TDC Model D, 300 W.s 67.50	33.95
TDC Project-or-View 200We 77.50	47.95
TDC Stereo Projector 500We	98.95
TDC Stereo Projector 500We 169.50 TDC Stereo Projector View 300We 144.50	92.95
Viewlex V33L 300Wc	38 95

(Symbols: RF Coupled Rangefinder, & Coated, * Flash Shutter) Highest TRADE-IN ALLOWANCE Only 10% Down - EASY TERMS!



DECEMBER, 1955

OU SAVE \$6.00 On A BRAND NEW DeJUR 5B **EXPOSURE**

List \$15.95 995

.32.50 .32.50 .17.50

JUST ARRIVED! SENSATIONAL SAVINGS! Very Latest 1956 Model, Full MX Synch. SAVE \$91.55! 35mm SINGLE-LENS REFLEX with 2 Flash Contact Points on Camera Face!

135 VAL '35' REFLEX A \$139.50 Value! 2.8 Contad

NEW LOW PRICE!

4995

RIVAL 35-MX REFLEX WITH

NOW ... Completely New JUST RECEIVED ... LATEST MODEL with NEW LIGHT VALUE SCALE!

You Save \$77.00 on a Brand New



with F2.8 Coated Tesser Lans

PERRESS' LOW PRICE 5250 1/500 second • Desayed Action Self-Times vention Coupled Range finder utomatic Exposure Counter

Ship, Wt. 5 lbs.

A SENSATIONAL OFFER! EXCLUSIVEI SAVE \$32.001 BRAND NEW!
SPECIAL PURCHASE!GERMAN IMPORT!

LASSIC '35' Outfit * CAMERA

*CASE *FLASHGUN with f2.9 Couted Trioplan Lens 1995 A \$51.95 Value!

LOW PRICE **Built-in Flash Synchronization** Wide Range of 9 Shutter Speeds
 Built-in Optical Viewfinder

Poorloss' 92 Page Catalog BIGGER AND BETTER THAN EVER! The

Double Exposure Prevention

of array of famous makes:

Imports - Major Equipment and
accessories - Completely Illustrated
with full description - Current New

A Used Prices - Many, many famous naw Poerless Exclusives! Also Tes Recorders - Binoculars - Aud Equipment, Gift Suggestions!

Order Yours Today Only 101 Per Cop 251 Buck On 1st Pure



SAVE 3252.051 BRAND NEW!
PRAKTICA FX Single Lons
with 12 Coated Taylor Hobson Cashe Lons
with 3 Heath Contact Points
- Sullich Synchronization for Flash and
15 to 1,400 - Juste Flam Transport & A 3300.00 Value
Shutter Cocking



SAVE \$29.00! ON A USED FAMOUS TDC MAINLE

2 x 2 SLIDE PROJECTOR
with Selection Auto Changer
• Coated Lens • 300 Watt Lamp
• Blower Cooling • Fingertip Foc List \$39.501 3050



YOU SAVE \$35.00 ON A USED

ARGUS C-3 Outfit

* CAMERA * CASE * PLASHGUN
With 13.5 Coefed Lees
* Coupled Rangefinder Coupled Rangefinder
 Speeds to 1/300
 Automatic Frame Counts



SAVE \$172.45! FAMOUS TU BOLEX H-16 LEADER

17mm f2.5 Ctd. W.A. Lens in Focusing Mount
 1" f1.5 Lens in Focusing Mount
 2" f2.5 Telephoto Lens in Focusing Mount



35mm LEICA Cameras

LEICA IIF with f2 Ctd. Summitar Lans. 289.00 114.50 LEICA IF with f2 Ctd. Summitar Lans. 228.00 78.50 LEICA IIIF with f2 Ctd. Summitar Lans. 368.00 468.55



SAVE \$77.501 750 WATTI USEDI Ampro FUTURIST

8mm MOVIE PROJECTOR List \$159.501 with Cld. f1.6 Lens • 400 Ft. Reel • Bio • Forward, rayer 8200

MONEY BACK GUARANIEE

All Items Offered Subject to Prior Sale! 10 Day Free Trial! 1 Full Year of Service! Add Estimated Shipping Costs. We'll Refund Every Cent Not Used! If you prefer C.O.D. Please Send 10% Deposit. The Supply of Some Items Is Limited. Since Orders Are Filled in Sequence, Rush Your Moll Order in Today! Worthy Substitutions May Be Made, Unless We are Advised to the Contrary!

PRICES SUBJECT TO CHANGE WITHOUT NOTICE! ALL CONTENTS OF THESE ADS COPYRIGHTEDI



PEERLESS CAMERA STORES

415 Lexington	Avenue, New	York	17, N	LY.
Dept. M-12				

I WANT TO BUY.

I WANT TO TRADE

Send New GIANT CATALOGUE. Enclosed find 10e

Cash □ M.O. [C.O.D. ☐ Time Payment 10% Down Enclosed

NAME

CITY/TOWN.

415 LEXINGTON Ave at 43rd St N.Y.17 Opposite Grand Central Terminal - MU 7 1000

mm JUST Z OUT! Z



Thousands are learning YOUR CAMERA when you own eatures of

modern STEREO

by TOMMY THOMAS

Stumped for Christmas present suggestions? How about stereo?



I made the pleasant discovery some time back that I could solve a good part of my holiday gift problems during the years by giving away stereo slides of the family: my wife and myself and our

two little boys. It works out wonderfully well. I started out by giving a stereo viewer and half a dozen stereo slides to each of our folks. Also, to my sister several hundred miles away and a few selected friends throughout the country. Some of them are stereo photographers themselves, but the majority are just collectors.

It's a funny thing . . . this isn't too expensive a gift, yet it's always been more warmly received than any more "material" gifts that I have ever given. Christmas is an excellent time to get started, as you can more easily feel justified in including the very necessary stereo viewer that first time. By now most of our own recipients have "graduated" to owning an ex-pensive, self-lighted stereo viewer that shows the slides at their very best. This isn't necessary at the beginning. though. One of the finest (inexpensive) stereo viewers on the market today is the Craftsman's Guild 3-D Viewer, retailing for a very inexpensive \$1.95. Don't let the price fool you, though. This light blue and grey plastic viewer is a honey, both in appearance and in performance. And it even has an adjustment for focusing. This viewer, plus half a dozen slides (as shown in photo 1), makes an excellent gift.

And as for which stereos to give



1. An inexpensive stereo viewer and a few family stereos are all that're needed to make an outstanding gift.

away, that's easy! Stick mostly to family photos . . . that's what your folks and friends want to see. Personally, I take quite a few stereos during the year, altogether, and all of my family-type photos are soon sorted after they have been mounted and first-viewed. Most of them are classified as good enough to want to keep for ourselves; the remaining ones are either considered as "giveaways" or as "duds." The "duds" are cold-storaged away in my dead file, while the "giveaways" are used as the source for gift material. Worked out this way, we've always had slides on hand to give, usually without having to make up special slides for the purpose.

Occasionally I'll get the family all together for a special family portrait. Usually this happens quite naturally. A picture situation arises and it seems to give promise of being extra special, so we take half a dozen or more originals right at the time. Other times we're inspired to go to a bit of trouble for a stereo that's really extra special... around Christmas time, for instance

As an example "for-instance," photo 2, page 48, may give you a few ideas for making of a rather unique stereo-with-in-stereo that you might wish to duplicate. The idea is to take a "straight" stereo photograph . . . and then add the extra stereo within the first one.

How we made ours

As you can see, photo 2 shows my wife and me sitting in front of our living room fireplace. It's the night before Christmas, and the stockings are hung by the chimney (with care). The black, modernistic-looking Christmas tree above the hearth acts as a frame windowing a stereo portrait of our two little sons fast asleep in bed. This stereo-within-stereo effect was created by projecting an original stereo slide up there by means of a stereo projector. Here's how it's done.

First of all, the over-all scene is recorded in the camera in the regular manner, using flash or photofloods. In this example, it includes everything that you see in photo 2 except the stereo images of the two boys. The black-cardboard Christmas tree registers as black all over... no little boys there as yet (photo 3, p. 48). Your stereo camera is securely fastened to a tripod, and is not moved after this first exposure. It's a double exposure (actually a "triple," depending upon how you look at it), so prepare your camera for the succeeding exposure(s) by recocking the shutter but NOT advancing the film.

For the next part of this same photo you'll need a stereo projector that will (Continued on page 48)

EXPOSURE METERS



NIKON

F:2 Nikkor ctd. lens Flash-Strobe sync. \$14900 with Nikker F:1.4 ctd. lens \$188



ALPA VII

35mm Reflex fully automatic Xenon F:1.9 ctd. BRAND \$42900

00 D. L F. O. F. 347 A	6110 40
28mm Retrofocus F:3.5 W.A	
38mm Old Delft F:3.5 W.A	89.00
40mm Macro-Kilar F:3.5	89.00
135mm Old Delft F:3.2 tele	129.00
180mm Old Delft F:4.5 tele	149.00
300mm Tele Kilar F:5.6 tele	179.00
HIGHEST TRADE-IN ALLOWANCE FO	R YOUR FOUIPMENT



BOLSEY B THREESOME **SAVE \$24.55**

with case 095 and flash BRAND NEW





SAVE \$21.50 ARGUS C-4 F2.8 ctd. synch. Rdf. Disc. Model \$6295



OVER 1000 ILLUSTRATIONS ONLY AT OLDEN

YOURS WITH ANY ITEM ADVERTISED!







CONTAFLEX TESSAR F2.8, SYNCHRO.

WITH TELEPHOTO LENS USED \$11750



PACEMAKER GRAPHIC



IKOFLEX IIA

Zeiss Tessar 3.5 ctd. sync. Reg. Discontinued Model.

BRAND NEW



SAVE \$51.50 AUTO-FLEXARET IIIA

2½x2½ Reflex, Autom. Filmtrensport
 F:3.5 coated Lens
 fully synchro shutter
 built-in selftimer
 Direct sports finder

tr sports finder
BRAND NEW \$48

KINE EXAKTA VX

reg. \$99.50



BRAND NEW

AUTO ROLLEIFLEX 1954 MX MODEL BRAND NEW 113850

with Xenar F:3.5 ctd. with Tessar F:3.5 ctd.

\$14850 \$18450 with Xenotar F:2.8 ctd.

BOLEX

H-16 Leader, F:1.9 ctd. \$146.00 H-16 Deluxe, F:1.9 ctd. 189.00 H-8 Leader, F:1.9 ctd..... 142.00 B-8 2-lens Turret F:2.8 67.95 All used, in perfect condition BOLEX STEREO OUTFIT, used



OLDEN CAMERA & LENS CO.

1265 BROADWAY at 32nd STREET . . . NEW YORK I, N.Y.



ALL CAMERAS SHIPPED 10-DAY MONEY BACK GUARANTEE

I am interested in		
f wish to trade the following	PLEASE N	AL FREE QUOTATION
NAME		
ADDRESS	CITY	STATE



MODERN STEREO

(Continued from page 46)

project the slide that you have picked out to go "inside" the first stereo . in this example, the slide was a specially taken close-up stereo of my boys fast asleep in bed. Photo 3 shows you the set-up. You'll have to experiment a bit before you can decide upon exactly what slide will work out best, and what dimensions and exposure you'll need for the best results. I suggest doing your initial experimentation on a regular silver stereo screen, using polarizing glasses to judge the effect. Make note of the pertinent data: in this particular photo I projected my stereo images from a 500-watt Realist projector located 71/2 feet from the



2. The family Thomas, wishing a stereo Merry Christmas to all of its friends.

screen. The actual projected image was about 23 in. high by 19 in. wide. Then, for the actual copying of the images, I switched to using a large piece of pure white posterboard. By experimentation, I discovered that a time exposure of 12 seconds, with my camera lenses set at f/8, made for the best copying exposure (using Type A Kodachrome). You can use this same exposure as a basis for starting your own experimentation, but keep in mind that there are many variances that may come up as far as your own particular set-up is concerned. You'll likely have a different projector and/or stereo camera, a different projection distance (image size on screen), etc.

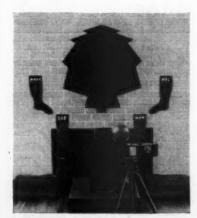
Here's the actual procedure

Let's go through the exact procedure once so that you'll be better able to follow this more easily. We'll assume that all the experimentation work is over with and you're all set to take the final stereo. You know exactly where the projector has to be to make the size image that you want and you've set your stereo camera up on a tripod (photo 3, at right). Now, with the projector removed and out of the way, take the first exposure of the main over-all scene, with your people in place (in this photo, with Jackie and me seated on the cushions by the fireplace). By the way, we used burning newspapers for the proper fireplace-flames effect . . . hot, but effective. Note: It's important that the
black of the Christmas tree (or whatever you may use) be as black as possible. That will mean that it won't
register on your color film at all—
black registers as a non-exposure—so
you can double-expose another image
right over it. Set up your light (s) so
as not to get a reflection sheen from
the black cardboard or—as I often do
—cover your cardboard with absorbent black velveteen cloth that can't
pick up a sheen.

Now, with the camera still in position and re-cocked as previously mentioned, get set up for your double exposure of the projected image. Put the stereo projector in position (see photo 3 again), and also hang a large piece of your white poster board over the black surface where you will be projecting the stereo image(s). In this case, over most of the black cardboard Christmas tree located shove the fireplace. The white cardboard needn't be an exact size, as long as it's larger than the images to be projected. This isn't shown in photo 3, but it should be easy to visualize. Now, line up the two projected stereo images in position upon the white cardboard screen so that they exactly coincide one upon another (as far as the vertical and horizontal "frame edges" are concerned). This will put your stereo window exactly at the screen surface, which is where you want it. You won't need-nor be able to utilize, in fact-your polarizing glasses for this.

Finally, turn off all the room lights, turn off just one of the stereo projected images, and photocopy the other projected image on your already "partly" exposed film. Photo 4, p. 56, shows how this should look: just a single 2-D image projected upon a white posterboard surface . . . the rest, darkness. Note: Naturally, you'll have to have one of your stereo lenses on your camera capped up to correspond. Then, reverse the procedure and copy the

(Continued on page 56)



3. Here's the set-up for the stereo-within-stereo photo that's described in this month's column. Note the stereo projector in the foreground.



3 PAGES OF UNITED'S

MAIL ORDER HEADQUARTERS WITH SATISFIED CUSTOMERS ALL OVER THE WORLD

FOR IMMEDIATE SERVICE ON YOUR YMAS ORDER CALL US COLLECT **DIGRY 9-4614**

ATTENTION SLIDE PROJECTOR OWNERS



REVERE AIREQUIPT ARGUS TRAY AND MAGAZINE FILE CASES

- A United Super Buy Value.

 Made of #1 Kiln dry 5/16" Lumber Warp



MANSFIELD'S ACTION EDITOR SAVE 40% Price Complete

		-	00111	bieie	
For 8mm					\$21.95
For 16mm	١				25.95
Automati	0 Sp	licer		200 ft.	Rewinds
. All metal	die	cas	t view	96	
. Screen 21/	4x3	/4. E	Glass I	Prism S	hutter
a Amanlant.			Dal.	A A -AT-	- P.414



DAVIDSON STAR-D CONQUEST

section with geared center ost, adjustable crank action, on-slip. Extends to 70°, col-apsed 28°. Weight: 4% lbs. SALE \$13.95

Reg. \$19.95 Case for Conquest 4.49 Star-D 18 3 section tripod Reg. \$15.40 Sale Price Star-D 19 4 section tripod Reg. \$17.50 Sale Price \$9.25

\$10.65

	SLIDE FILES	
REG	. SALE PR	HUE
1.95	Kodaslide Ready File for 2x2	
	Mounts	1.5
3.94	Kodaslide Compartment Files for	
4104	2x2	3.1
9 05	ALL METAL 2x2 Slide File	
2.90		
	Box (150)	8.00
3.49	ALL METAL 35mm Film Strip	
	File Bex	2.7
3.95	ALL Metal STEREO FILE BOX	
	for Storee Viewer and 50 Slides	2.9
3.95	All Metal 21/4" Sq. Reflex File	
4.40	Box	9.0
9 00		4.0
4.30	Add-A-Tray File complete with	
	3 Drawers for 2x2 & Stereo	5.8

UNITED'S XMAS SPECIALS ON USED AND DEMONSTRATOR STINE BROTECTORS AND VIEWERS

TDC	2 STINE SKATECIARS WAN ALEMENS
	FOR 35mm 2x2 & Bantam
REVERE	CLEARANCE
THE RESIDENCE OF THE PARTY OF T	Reg. PRICE
AIRCOURT	33.50 Vu-Aid 200 watt w/case
AIREQUIPT	(NEW)\$18.95
	95.00 La Belle 55, 500 watt
ARGUS	59.50 TDC Mainliner, 300 w/Se- lectron 32.00
TRAY AND	49.95 TDC Headliner, 300 w/Se-
MAGAZINE	lectron 29.50
FILE CASES	48.50 Argus PB 300, Case 26.95
A United Super Buy Value.	72.50 Kodaslide Signet 500 w 49.50
Made of #1 Kiln dry 5/16" Lumber Warp	95.00 Kodak Table Viewer Model A 57.00
proof—	69.50 Revere 444 300 watt in Case 33.00
Handsomely finished in Two Tone Brown Leatherette	
Brass Coated Hardware	lectron
All pertable with carrying handles.	67.00 Viewlex V 33L 300 Watt 39.50 79.95 Viewlex V 35L 500 Watt 47.50
	FOR REFLEX SIZE
Model # CASE ONLY COMPLETE WITH	21/4x21/4 Slides
ATC 6 Holds 6 4.39 6 Magazines \$13.99 ATC 12 " 12 6.29 12 " 25.95	86.50 Golde Reflex 300 watt w/case 48.50
ATC 24 " 24 8.29 24 " 47.85	67.50 TDC Due 300 watt 39.50
FOR TOC TRAYS CASE ONLY COMPLETE WITH	84.50 TDC Due 500 watt 2 Carriers 57.00
RST 6 Holds 6 4.39 6 Trays 7.95	FOR STEREO SLIDES
RST 12 " 12 6,59 12 " 13,69	99.50 Nord Steree 300 watt 69.50
RST 24 " 24 8.95 24 " 22.95	169.50 TDC Steree Prej 500 watt 5"
FOR REVERE AUTOMATIC PROJECTOR TRAYS	lens
RST 6 Holds 6 4.39 6 Trays 13.33	144.50 TDC Stores Viewer-Prej.
RST 6 Holds 6 4.39 6 Trays 13.33 RST 12 " 12 6.59 12 " 24.47	89.50 Taylor Stores Projector View 29.50
RST 24 " 24 8.95 24 " 44.71	69.50 Royal Steree Viewer 47.50
	PROJECTOR ACCESSORIES
	14.95 Airequipt Changer for Argus
701	Proj. \$10.95
	14.95 Airequipt Changers for any

PROJECTOR ACCESSORIES
14.95 Aircquipt Changer for Argus
14.95 Aircquipt Changers for any
14.95 Aircquipt Changers for any
14.95 Aircquipt Magazines for above
1.00 Trays for TOO Projectors for 4.
1

9 Screen
21.50 Radiant 50x50 Tripod Beaded Film Strip adapters for most projectors in Stock, Write for price quote.

SLIDE ACCESSORIES

-		-		-	
REG.	SORTED			SALE	OO)
\$8.95	BRUMBE	RGER	(120)	2w2	
8.25	Metal B Golde (10	nuers	Page 14	Dinde	90.95
2.40	LinDia N	letel M	onap II	Dinger	5 0.19
2.90	Kodak Si	ide M16	OWNES &	XZ (20)	1.33
5.95	Magna	Double	Lack Of	Dantai	9.19
9.90	Matal Di	ndere P	HOCK A	274827	4.79
9.95	Metal Bir	nuers D	21/4	0	4.79
0.00	Binder	m. (12)	674	ed. merri	6.95
1.05	Airequipt	2+2 61	Ida Ca	Oho	0.00
1.00	(75)	284 OI		set citic	
1.50	United 2	v2 611	la Cov	on Clas	1.09
6.15	Star D 2	H/4×21/4	Matel	Rinder	1.03
	(50)			Dinee	4.65
3.50	United S	teres G	ass Re	x 100	1.07
8.50	EMDE #	202 Box	100 A	luminu	
-100	Frames 1				
3.65	Star D 2	2 MET	AL BI	nders	
-300	Box 50				2.89
3.00	Guild Ea	SV MOU	nts Ros	r 100 fe	IP (
	35mm D	ouble	Frame	Singl	
	Frame.	Robot.	16mm	Doubl	
	35mm D Frame, Frame (3	Specify)			2.39
.65	Kare Me	unts for	r More	ury Siz	
	(50)				55
1.84	Kodak R	eady M	ounts	35mm 4	IP.
	828 (50)				1,48
4.50	828 (50) Brumbers	per Meta	d Stere	e Mount	8
	(24) Guild Ea				3.40
3.50	Guild Ea	sy Ster	es Me	unts Be	×
	50				2.79
7.50		Box	00 2x2	Alumi	
	num Mas	Ks &	Thin (siass fo	P
	Airequipt	magaz	IR66		5.95
-	KODAK	PLAT	MUUN	18 FO	K
EK	TACHRO	ME. TH	ANSP	AKENC	IES
	Pkge 100	33mm	Dengie	Frame.	1.49
	Pkge 100	040 512			1.49
	Pkge of 1	00 S(6)	OF SIZE		Z.49
14.50	elass for	Wodek !	IUU M	Manuel W	10.00
	Golde Re	Rough :	prei.ee	mounts.	10.95
7.00	maime Me	MAY DIE	mers 1	Kge 59.	5.25

DARKROOM AIDS **USED ENLARGERS IN STOCK** SAVINGS TO 50%. ALL GUARANTEED.

	ALL COMMANDE	
CE		LE
-		CIAL
0.0	173.50 Omega DII 4x5 No Lens	99.50
95	134.50 Omega B5 21/4x31/4 w/Dhio	
50	Condenser	79.50
00	109.50 Omega B6 21/4x31/4 w/Dble	
00	Condenser	67.50
50	207.50 Omega Diti 4x5 w/Colorhead.i 172.50 Dejur Professional 4x5 w/lens	39.50
95	99.50 Dejur Frotessional 4x5 Wilens	99.30
50	w/lens	69.50
.00	143.25 Dejur Medel I 21/4x31/4	09.00
00	w/lans & Colorhead attachment	84.50
	99.50 Federal 315, 21/4x31/4 w/lens 118.00 Elwood SP 25 5x7 less lens	49.50
50	118.00 Elwood SP 25 5x7 less lens	69.50
50	134.50 Super Omega B 21/4x21/4 w/lens	69.50
50	86.50 Solar 5x7 Enlarger less lens	49.50
	125.00 Omega B 21/4 x21/4 w/ 14.5 lens	54.50
	ACCESSORIES FOR THE DARKROO	M
50	4.95 Premier Twin Print Roller 8"	3.69
50	6.95 Premier Twin Print Roller 12"	5.39
.00	Marshall's Photo Oil Color	0.00
	Pencil Sets	4.75
50	32.00 Premier 15" Metal Trimmer	24.95
	2 05 Venkes Ball Film Tenk ad-	
.50	Justable	2.29
	10.95 Yankee Loadmat 20 Tank. 2.50 Yankee 4x5 Utility Tanks. 7.95 Yankee 4x5 Agitank Cut film. 1.70 Yankee (3) 5x7 Tri Celer Trava	8.25
.50	2.50 Yankee 4x5 Utility Tanks	1.89
.50	7.95 Yankee 4x5 Agitank Cut film	6.29
.50		1.34
	3.90 Yankee (3) 8x10 " " " 2.95 Yankee Safe Lite w/Yellow	3.19
	Filter	2.29
.95	8.67 Airequint A Way Fixed Facel	5.89
	17.06 Airequipt Dialmaster Easel	0.00
.95	lixi4 Adjustable	12.95
69	14.34 Airequipt Photocrat Printer	
14	4x5 Adjustable	10.49
.95	10.77 Airequipt Junior Printer 4x5	7.79
.00	1.75 9x113/4" Bletter Book	1.25
.30	2.00 25 sh. 12x15 Bletting Paper	1.39
100	22.00 Brumberger 5x7 All Metal Printer	
	5.95 Brumberger 5x7 Safe Lite OA	15.95
	10.95 Brumberger 8x10 Paper Safe	7.95
	19.95 Brumberger lixid Paper Safe	13.95
	2.25 Fedee Feeus Rite Enlarging	
_	Aid	1.79
CE	8.95 Fedco No. 100 Dryer 111/2x15	6.59
.95	21.95 Gra Lab #165 Darkroom	
.19	Timer	16.49
99	22.95 Gra Lab #168 Luminous	
.19	39.50 Lott Professional Dryer	17.25
		94 80
.79	18.68 Premier 11x14 Twin Dryer-	31.50
	Chromo	12.95
.95	40.05 Premier A2 Rate Dryer 24v20"	34.50
	27.50 Premier Al Rote Dryer 12x29"	19.25
.59	27.50 Premier Al Roto Dryer 12x29" 6.85 Premier 10" Trimmer w/ Guide 8.90 Premier 12/6" ""	4.95
.09		6.49
	17.00 Premier 15" "" "	12.25
.65	9.15 Premier 12" Deckled Trimmer	
07	with Guide	6.69

with Gulde
7.25 Premier 11x14 Economy Easel
4.95 Staticmaster 1" Brush
12.50 Staticmaster 3" Brush
12.50 SpotoMatic Enlarging Moter.
6.70 Nikor 35mm Tank
7.05 Nikor 120-620 Tank

7.65 Nikor 120-020 Tank ... 6.09

SLIDE VIEWERS
24.95 Aircaulut 222 Viewer w/ Aircaulut Changer Electric Model. 16.75
6.50 Logan 222 & 2½* 94. Electric Yes Constitution of the Constituti

New 1956 MODEL-MODEL E **FOTOLARGER**



- for all negatives from 35mm to 2½x3¾ size
 Exclusive Distortion Control
- BELLOWS, FINE RACK AND PINION
 FOCUSING . ONE TO SIX TIME ENLARGEMENTS
- . COOL ALUMINUM LAMPHOUSE ROTATING GLASSLESS NEGATIVE CARRIER (CHOICE OF SIZE)
- HOLDER FOR RED AND VARIGAM
- 360° TILT FOR HORIZONTAL PROJECTION OR DISTORTION CONTROL • 2" FORWARD EXTENSION FOR EX-

TREME CROPPING	
INCME ONOTTING	Dble
Diffusion Type	Condenser
MODEL E without lens\$26.49 MODEL E w/ 90mm f6.9	\$32.49
MODEL E w/ 90mm f4.5 Elgeet	36,49
Click stops lens 40.95 MODEL E w/ 51mm f4.5 Elgeet	46.95
lens for 35mm size negative	44.49
ASSESSORIES FOR ABOVE EN	ABSERS

ACCESSORIES FOR ABOVE ENLARGERS	
No. 23 41/2" Double condensers (21/4x31/4 size)	E
No. 23 52mm Double condenser	
for 35mm film	
for 21/4x21/4 film. 4.79 Copy Back (converts enlarger for copying). 7.19	į
Negative carriers 21/4x31/4, 21/4x21/4 or 35mm each	ŝ

ALSO AVAILABLE SALE SPECIAL NEW MODEL JUNIOR **ENLARGER**



THE FOTOLARGER JR.

- For all negatives from 35mm to 21/4x31/4
- rom 35mm to 2/4x3/
 size
 with negative carrier
 with 90mm f6.9 lens
 Diffusion model
 13x16 Base Board—
 Filter Roard—Red

SPECIAL

SPECIAL SALE KODACHROME LATE 1956 DATE

1	#828 Reg. 8 1.00	Special
	35mm x 36 exp 1.81	1.49
	35mm Stereo, 20 exp 4.65 8mm Roll (dbie) 3.73 8mm Mag. (dbie) 4.65 16mm x 100° Roll 10.46	3.69
	16mm x 100' Roll 10.40 16mm Mag 6.95 16mm x 50' Roll 3.75	
	16mm Mag. Simplex 6.95	8.78
5	Bmm x 100' Bolex 13.60	11.50
	MINIMUM ORDER 2 ROLLS. LES	S THAN 6

CAMERA EXCHANGE

83 Chambers St. New York 7, N. Y.

265 Madison Ave. (Corner 39th St.) N. Y. TWO MORE PAGES OF SENSATIONAL BUYS!



UNITED'S EXCLUSIVE! LOW PRICES!

SPECIAL BUYS!

Ricoh "35" CAMERA OUTFIT



Here's a Real Trigger Action Precision-Engineer rapid-sequence camera that shoots standard 35mm pictures that will rival the most expensive 35mm.

- SPLIT-SECOND TRIGGER MOVEMENT COCKS THE SHUTTER and TRANSPORTS FILM SIMULTANEOUSLY.
- ONE HAND SHOOTS the other WINDS
 NO AWKWARD FINGER SHIFTING
- NO AWKWARD FINGER SHIFTING
 45mm 13.5 Color-Corrected coated lens.
 F. X. SYNCHRONIZED SHUTTER with
 SPEEDS to 1/200th sec & B
 SINGLE WINDOW RANGE and VIEW
 FINDER for a BIG VIEWING and
 FOCUSING IMAGE.
- THE CASE IS A LUXURIOUS LEATHER It is definitely a camera for the person who gets around

COMPLETE OUTFIT—CAMERA, FLASHGUN, DE LUXE LEATHER CASE

\$5095 A \$100 VALUE

SUPER RICOHFLEX



2½"x2½" REFLEX Plus 35mm Adaptability A two-in-one feature found only in very ex-OTHER OUTSTANDING

 S0mm Color-corrected, ctd f3.5 matched lenses. FX Synch Shutter with speeds to 1-200th sec.

Full size focusing with depth of field scale-or eve-level finder.

Built-in wide angle magnifier for criti-

A \$75.00 VALUE! With Leather Carrying Case and Auto-Stop attach. for automatic film advance

A UNITED SUPER BUY

SPECIAL BUY **SAVE 40%** TRAVENAR TELEPHOTO LENSES FOR KINE EXAKTA-PRAKTICA PRAKTIFLEX FX

CONTAX S & D. AND PENTACON

- . DISTANCE MARKINGS IN FEET & METERS AUTOMATIC PRE * SET
- . DEPTH OF FIELD SCALE
- . FRONT AND REAR LENS CAPS

135mm f3.5 Travenar AUTOMATIC PRE SET REGULAR LIST PRICE \$99.95...\$59.50

REGULAR LIST PRICE 399.75....337.50
83mm f2.8 Travenar AUTOMATIC PRE SET
REGULAR LIST PRICE \$99.95....64.50
Leather Cases for above lenses. Special...4.79



UNITED Lightweight Precision 7x50 **PRISM**

BINOCULARS

- Easy Focusing
 Coated Optics
 Leather Case

 \$24.50

ATTENTION ARGUS C-3 OWNERS New Imported Telephoto Lens

- a 195mm W4 5 coated lens
- Color corrected, click stops
 Depth of field scale
- With lens hood & adapter ring Ser. VII
 Supplied with view finder mask

SPECIAL \$37.95



KODAK RETINA IIIC

1955 Model (Used)
12 Ctd Xenon. MX
shutter
Removable lens.
Rapid Rewind
5 PRECIAL\$13450

SALE ON EXPOSURE METERS MOST ARE DEMONSTRATORS OTHERS ARE NEW

*New Units All Fully Guaranteed **New Units All Fully Guaranteed \$16.95 Brockway M3. \$11.95 29.20 DeJur Professional w/Case. 19.95 26.50 G.E. D W 68. 48.49 32.50 G.E. PR I Memory Meter. 22.75 15.95 G.E. PR 30 Mascot. 11.25 32.95 Norwood Director. 22.95 16.00 Weston Direct Reading Meter 12.95 31.50 Weston Master II Still or Gine. 21.95

POLAROID LAND CAMERAS

12	-
梅	
THE SA	4
	-

PART CAMERAS
PER ALL USED

POLITICAL MINISTER CONTINUES

POLITICAL MODEL 95

POLITICAL MODEL 90

POLITICAL MODEL 90

POLITICAL MODEL 90

POLITICAL MODEL 10

POLITICAL USED POLAROID ACCESSORIES IN STOCK

ILOCA STEREO II CAMERA

Brand New Save • Matched f3.5 coate

Flash Shutter to • Regular \$125.00 Special....

> SAVE 50% ON Brand new universal

ZOOM FINDER
35mm to 135mm for Leica, Contax, etc. List \$29.50 \$14.85 Special

FOR CHRISTMAS GIFTS **NEW 8mm** HOLLYWOOD FILM SUBJECTS

8mm Complete Editions 395
Reg. \$5.25. SPECIAL......

IN STOCK THE FOLLOWING TITLES. IN STOCK THE FOLLOWING TITLES,
"Might Before Xmas" "Xmas in Tryland"
"Double Trouble" with Laural & Hardy,
"Double Trouble" with Laural & Hardy,
"Touble" Night Out" with Cary Grant,
"Keily Gets the Champ" with Patsy Kelly,
"Tarzan's Revusge" "Iarzan Faces Death"
"To The Last Man" with Randelph Scott,
"Hell Town" with John Wayne,
"Fighting Caravan" with Gary Cooper,
"Desert Geld" with Robert Cummings,
"Indian Uprising" with Gene Autry,
"Loaded Guns" with Gene Autry,
"Dough & Dynamito", with Charlie Chaplin
"Caught in a Cabaret" """
"Gaught in a Cabaret" """
"His Prehisteric Past" """"

IMPORTED LENS SALE! DRASTIC REDUCTIONS

BRAND NEW-FEW USED* BUT PERFECT, ALL ARE FACTORY COATED

ı	FOR LEICA CAMERAS
ı	REG. SALI
ı	\$99.50 28mm f3.3 Berthlot Extreme wide angle
I	360.00 85mm f1.5 Leitz Sum-
١	135.00 135mm f4.5 Leitz Hektor Telephoto*
3	78.00 135mm f4.5 Steinheil Cul-
	\$9.95 90mm Sun f4 Ctd. Tele-
ı	66.95 ARCO 135mm f3.8 Colinar Ctd. 39.50
١	150.00 85mm f2 Colinar Telephoto 90.00
	FOR PRAKTICA . PRAKTIFLEX FX

Somm Curtar lens Component Used 502.50
Sömm Curtar lens Component Used 502.50
Sömm Curtar lens Component Used 505
Somm Curtar lens Component Used 505
Somm Ca. Angenieux Set-

REQ.	SAL
\$99.50	35mm f2.5 Angenieux Ret-
65.00	rofocus W.A
	minar 47.5
89.95	135mm f3.5 Travenar Tele- photo with fully automatic
40.00	pre-set diaphragm 59.5
	coated Telephoto 34.5
82.95	180mm f5.5 Hugo Meyer Tele-Megor 59.5
199.95	400mm f5.5 Hugo Meyer
	Tele-Megor139.5

FOR THE KINE EXAKTA CAMERAS \$120.00 28mm (3.5 Angenieux Ret. 99.50 38mm (2.5 Angenieux Ret. 99.50 38mm (2.5 Angenieux Ret. 99.50 65.00 88mm (2.5 Einheil Culs. 99.50 18mm (2.6 Sieinheil C

CAMERA ACCESSORIES AT SPECIAL PRICES

REG. SALE
\$15.50 BC Flashgun w/fan type Reflector \$9.95
4.00 Metal Camera Wrist Chain 2.59
5.00 PRAZISA Rangefinder (Ft. or Meters) w/case 3.49
2.95 KOPIL Self-Timer for all Cameras
6.95 DALITE BULK FILM LOADER for 35mm 4.95
10.75 7 SEC. SUSIS POCKET TRIPOD w/Tilt Head 7.50
12.75 10 SEC. SUSIS POCKET TRIPOD w/Tilt Head
13.75 II SEC. SUSIS POCKET TRIPOD w/Tilt Head 9.65
17.95 MICROSCOPE ADAPTER for Exakta, Praktica
39.95 PENTA-PRISM Finder for Exakta23.95
19.95 PENTA-PRISM Finder for Praktica 13.95
10.00 SUYDAM 120 size Roll Film Adapter for 61/2x9cm Cameras 7.69
10.00 SUYDAM 120 size Roll Film Adapter for 9x12cm Cameras 7.69
9.95 UNIVERSAL Copy Bracket for Exakta
9.95 FOUUSING EXTENSION TUBE Outfit for Kine Exakta, Exa. Praktica, Contax, Leica Cameras
29.95 BELLOWSCOPES for above Cameras

BRAND **SCREENS**



Sale Size Price Req. 30x40.....\$13.75 \$8.75 40x40............ 15.95 9.95 37x50..... 19.25 12.75 14.30

Glass

A UNITED SUPER BUY VALUE

FLITAR SOLIGOR MOVIE LENSES



SAVINGS UP TO 40% FEATURED AT UNITED FOR THE PAST FIVE YEARS THE FINEST IN IMPORTED LENSES EVERY LENS A PRECISION INSTRUMENT. ENSES ARE HARD COATED AND COLOR CORRECTED TO INSURE BRILLIANT RESULTS SIMM LENSES ARE SUITABLE FOR ALL BRAND CAMERAS • EXCEPTION FOR BELL & HOWELL MAGAZINE LOAD CAMERAS SPECIFY (NO LENSE LOAD CAMERAS PECIFY (NO LENSE LOAD CAMERA SPECIFY (NO LENSE LOAD CAMERA SPECIFY (NO LENSE LOAD CAMERA SPECIFY (NO LENSE) • FOR BELL & HOWELL TRI LENS CAMERA AND BOLEX L-S & \$2.00 adapter is also required.

8mm NORMAL LENS UNITED'S 119 Focusing mount 1° to Inf Click Stops. \$29.95 \$22.50 \$mm WIDE ANGLE LENS \$7mm f2.5 Fixed Focus Click \$1005

8MM CAMERAS • SAVE 40%

A few of our "Super Buys" in USED movie cameras. Fully guaranteed. Bolex B8 f2.8 Yvar..... Bolex H8 Leader f1.9. Bolex L 8 f2.8 Yvar....

Kodak Brownie 12.7 6	22.5
Kodak Brownie fl.9 6	32.0
Cine Kodak Magazine fl.9 6	82.50
De Jur Citation f2.5 ¢	39.5
De Jur Embassy f2.5 Mag 6	69.5
De Jur Fadematie fl.9 ¢	93.0
Keystone K-25 Capri 12.5 6	32.50
Keystone K-32 Olympic f2.5 6	46.5
Keystone K-35 Olympic Tur fl.9 c	
Keystone Bel Air 12.5 Mag 6	52.0
Keystone Bel Air 12.5 may F	
Keystone Riviera 11.9 Mag Tur 6	92.5
Revere 50 f2.8 ¢	.24.0
Revere 80 12.5 c	46.5
Revere 84 11.9 Tur é	84.0
Revere 40 12.5 Mag ¢	53.50
Revere 44 fl.9 Mag Tur 6	94.50
Revere B61 fl.9 Mag ć	81.50
Revere B63 f2.8 Mag Tur 6	84.00
Revere 38 Speel fl.9	42.5
Revere 99 Spool Tur. 12.8	44.50
Revere 99 Speel Tur, ff.9	
	46.50
Revere 67 Mag. Tur. 12.8	
Revere 67 Mag. Tur. fl.9	49.50

ADDRESS ALL MAIL ORDERS TO UNITED, 83 Chambers St., New York 7

UNITED GIVES ROCK BOTTOM Values



SPECIAL SALE 1955 CAMERA MODELS

LATEST USED CAMERA MODELS FULLY GUARANTEED FOR TWO YEARS

35mm	CAMERAS
New	USED
66.50 A	rgus C3, Case & Flash\$34.50
99.50 A	reus C4. Case & Flash 59.50
79.50 B	loisey Jubilee, Case & Flash . 49.50
89.50 G	raphie 35 f3.5, Case & Flash 63.00
75.00 K	odak Signet, f3.5 Ektar 44.00
336.00 L	eica IIIF, 12 Summicron179.50
374.00 G	ontax IIA, fl.5 Sonnar
205.00 N	xa, 12.8 lens
230 50 E	xakta VX f2.8 auto. Westanar 147.00
	xakta VX fl.9 auto. Xenon194.00
169.00 C	ontafiex Model 12.8 Tessar 84.00
	Centaffex Model 2 f2.8 Tessar 129.00
35mm	STEREO CAMERAS
125.00 11	loca Stereo II, f3.5 lens 49.50
174.50 R	levere 33, f3.5 lens 89.50
99.99 T	DC Colorist, f3.5 lens 49.50
84.50 M	Codak Stereo Camera, f3.5 lens 49.50
21/4×2	1/4 REFLEX CAMERAS
93.00 G	raflex 22, f3.5 lens 47.00
476.00 H	lasselblad, f2.8 Ektar, Model 1600
	Model 1600269.00
126.00 II	koflex Model 2A, f3.5 Tessar 72.95 colleicord V, f3.5 lens w/case 89.50
149.50 R	tolleicord V, f3.5 lens w/case 89.50
234.50 /	Auto-Rolleinex, 13.5 Aenar
	w/case 124.50 uto-Rolleiflex, f3.5 Tessar
	uto-nonemen, 13.3 (8884)
	w/enee 149 50
	w/case 149.50 uto-Rolleiflex, f2.8 C Model

ROLL FILM CAMERAS 43.75 Kodak Tourist 620 w/16.3 Lens 24.50 198.50 Kodak Chevron w/13.5 Lens 119.00 69.95 Polaroid Highlander Model 80 44.50 89.75 Polaroid Speedliner 95A 49.50 99.00 Super Ikonta A 13.5 Tessar.... 49.50

USED 8MM PROJECTORS

Ampro Futurist 750 W Case	97.00
B&H 221 500 W Case	39.50
B&H 253 Monterey 500 W Case	49.50
B&M Regent 500 W Case	105.50
De Jur 750 W Case	84.50
Keystone K70C Brightbeam 500	
W Case	49.50
Keystone K100 M 500 W with Case	64.50
Keystone K109 750 W Splicer Case	89.50
Kodak Brownie 300 W Case	42.00
Revere 85D 500 W Case	59.75
Revere 90 750 W Case	86.00

USED 16MM CAMERAS

B&H 200 f2.5 Mag €	5114.00
BAN 200T f1.9 Mag Tur c	158.00
86H 70 DL f1.9 Tur 6	229.50
Bolex M16 Leader (3 lenses comp.) ¢	238.00
Bolex H-16 Stereo lens System	149.00
Bolex Pan Cinor (2.8 case c	199.50
Cine Kodak Royal Mag. f1.9 c	106.00
Keystone A-9 (2.5 c	57.50
Keystone A12 f1.9 Tur c	97.00
Keystone K51 f2.5 Mag ¢	82.50
Revere 16 (1.9 Mag c	99.50
Revere 26 f2.5 Mag Tur #	109.00
HISED 14MM PROJECTO	ORS

USED 16MM SOUND PROJ.

MORSE G-3 DAYLIGHT PROCESSING TANK

A simple daylight unit for lengths of double-8mm, 16mm or 35mm motion picture fitm up to 100 feet. May be used for processing negative, positive or reversal films. Acid proof plasfit tank and cover; stainless steel reels, adjustable for Double-8mm, 16mm or 35mm film. SPECIAL \$22.50

Special! OPTA-VUE 2 x 2 Slide Viewer 995

Now you can hand-view your slides 9 times larger, and with a deep dimensional effect.



RRAND NEW **Drastically Reduced**

GRA-LAB DARKROOM TIMERS

A precise electric timer. Measures from

1 second to 60 minutes. Has enlarger cut-off switch **SALE \$16.50** Reg. \$21.95 LUMINOUS MODEL 148

SALE \$17.25

New PREMIER DeLuxe ROTO DRYERS



Adjustable thermostatic heat control with neon indicator light. Automatic squeegee, Highly polished chrome surfaces for mat

or glossy prints.	Reg. PRICE	Sale PRICE
Model A-1 12x29"	\$27.50	\$19.25
Model A-2 24x48"	49.95	34.50
Drying Surface	77.75	31100

STATICMASTER BRUSH

Removes static, dust, lint from negatives, Quickly destroys surface attraction.	film, etc.
	\$3.69
3-inch professional, reg\$12.50	\$9.69

COMPLETE YOUR 35mm OUTFIT

with

Telephoto or Wide Angle lenses for: Argus C3, C4, Kodak Signet, Pony 35, Contaflex, Contessa, Bolsey (All Models), Polaroid.

Only \$13.95 EACH



All Metal 2x2 SLIDE FILE \$1.95

Smooth hammeriold pressed steel, with subdivisions providing capacity for 300 slides in Readymounts, and 150, in glass. Index strips, hinged cover, snap-lecks, and carrying handle.



Reg. \$12.50 LATEST! IMPROVED! SPOT-O-MATIC

Enlarging Meter

Model 6A-Twice as Sensitive

In one easy reading, the SPOT-O-MATIC Enlarging Meter tells paper contrast, exposure time, and eliminates test strips, spoiled paper and guesswork.

SPECIAL PRICE \$9.45

FAMOUS MAKE EXPOSURE METER

AT SAVINGS OVER 50%

NOW

Reg. Value 795 BRAND NEW S22.50 WITH CASE & CHAIN

GENUINE LEATHER GADGET BAGS

Zipper top. Outside pocket. Comfortable shoulder strap.

7"x9"x4¼" #10 Reg. 6.95NC	W 4.65
81/2"x101/2"x4" #11 Reg. 8.95NC	
10"x12"x5" #12 Reg. 11.95NC	

MANSFIELD'S ACTION EDITOR NEW DELUXE MODEL FOR 8MM OR 16MM LIST \$59.50

FOR 8mm

FOR 16mm

\$28.50

\$33.95

- Automatic splicer 1200 ft, Rewinds For 8mm Models 2000 ft, Rewinds For 16mm Models All metal die cast viewer Scroon 2/4x3/4. Glass Prism Shutter Viewer Has Focusing & Framing Control

NEW EKTRACHROME FILM IN STOCK, SALE PRICED

EI	35 35	mn	n 2	0 6	axe	٥.																		\$	1.49
																									1.49
																									.79
E4	02 10	0 10	oll :	35	mı	n			. ,		,	*						4							32.00
	HON																								
	SH	HIP	PED	1	IA	1	R/	M	L	N	A	Y		E	X	P	R	Ξ,	S		0	P	iL	Y	
																									\$1.44
																									3.85
K	odak	35r	nm	d	ay	de	a	d	C	le	٧	e	le	2	pi	in	9	1	t	at	ık		fc	10	
HS	e with	h al	hav	18.	R	80	9.	\$9	9.	QI	5									S	D		e.		\$7.95

PRACTICAL PUBLICATIONS SAVINGS TO 25% CAMERA GUIDES EACH \$1.69

Argus 35MM Bolex Movie Bolsey Canon Modern Exakta Ikoflex Keystone Movie	Kodak Miniature Modern Rolleiflex Omega Enlarger Photo Darkroom Photographing	
Pocket Leica Boo Rollei Manual. P Universal Photo / How to Expose Ai Making Better Co Making Better Co Successful Color How to Photograph Filter Manual. Ba Successful Photog Leica Manual. M Rollei Photograph Picture Making w	nual by Morgan. k. Kisselbach. earlman ALMANAC. Samuels. asco Color. Moen. lor Sildes Vol. I lor Sildes Vol. II Photography and h Women. Gowland. kal. raphy. Feininger. raphy. Peininger. y. Deschin, New Edit / The Argus.	2,56 6,33 1,44 2,66 3,76 3,77 2,36 2,36 3,16 1,10 4,99 3,90

Our MADISON AVE. Branch **Authorized BOLEX** Sales & Service



We have one of the world's largest stocks of NEW and USED BOLEX EQUIPMENT on hand for immediate delivery.
Our BOLEX REPAIR DEPT. is staffed
by specially trained servicemen, always
ready to serve you.

WE BUY-SELL-TRADE Address all inquiries to United Camera Exchange, Inc.

265 Madison Ave., New York 16 SEND FOR FREE COPY OF OUR CATALOG OF BARGAINS!
ALL PRICES F.O.B. NEW YORK CITY

ADDRESS ALL MAIL ORDERS TO 83 CHAMBERS STREET, NEW YORK 7, N. Y.

CAMERA EXCHANGE, Inc.

1140 Avenue of Americas (cor. 44th St.) N. Y. MU 2-8574

265 Madison Avenue (Corner 39th Street) N. Y. LE 2-6822

83 Chambers Street New York 7, N. Y.

Digby 9-3555

*NOTE our new address

Come see the thousands of top values at our big, new New York store.

This late 1956 dated film is in its original sealed package fully guaranteed by the manufacturer. Day. or Tung. Price includes processing & mounting (35mm) by m'f'r.

Size Lots of 3—EA.	Kodachrome	McGregor Color	Dynacolor
8mm x 25' dble. roll	\$3.00	\$2.40	\$2.30
8mm x 25' dble. mag.	3.75	3.50	3.50
16mm x 50' mag	5.75	5.35 4	5.25
16mm x 100' roll	8.55	5.85 2	
35mm x 20 exp	2.70	1.85	1.79
35mm x 36 exp	4.00	2.75	3 for 6.50

COLOR-FILM MFR. PACKS UNDER AWON LABEL!!! ATE 1956 DATE

Price includes Processing & mtg.
All Kodachrome filters can be used with this film.

8mm x 25' dble.....\$1.98 ea.....3 for \$5.75....6 for \$11

35mm x 20 Exp. \$1.79 ea. 3 for \$5.25 6 for \$10

BULK KODACHROME

This film has been cut from 400' rolls, and is camera spooled, ready for your camera, Daylight or Tungsten. Kodak Proc. Incl. for all.

16mm x 100' roll......\$5.95......3 for \$17.25 16mm x 100' O.D.

SPECIAL OFFER!!!

35mm McGREGOR Color. '57 date. Proc. & Mtg. Incl. Mtg. Gu. 36 Exp. 3 for \$6.75 Tungsten '56 date. 3 for \$6.25 12 exp. '56 date day or tung. 3 for \$2.70, 6 for \$5

Fresh KODAK

Negative Safety Each roll on original reel and in origi-nal can.

35mm x 100' \$1.98 eq.

Brand New FEDERAL Enlargers

35mm 135C, f4.5 lens...\$49.95 \$34.95 Model 135C, Carrying case 7.25 4.98 No. 2 F6R 24 x 314 NEGATIVES lens ...\$20.95 \$20.95 lens ...\$20.95 lens ...\$20.95 \$20.95 lens ...\$20.95 \$20.95 lens ...\$20.95 \$20.95 lens ...\$20.95 \$20.95 lens ...\$20.95 lens ...\$20 No. 299. Diffused, fo.3 39.75 27.85 No. 279C, Diffused, fo.3 39.75 27.85 No. 279C, Diffused, fo.3 40.95 32.95 Carrying case for 269 or 7.25 4.98 No. 299C, Cold Light, fo.3 53.00 37.10 No. 315C, Cold Light, fo.3 53.00 37.10

No. 315CL, Cold Light, f4.5 80.00 Se.00 FOR 4 x S NEGATIVES
No. 450, Diffused, f4.5 8109.50 \$76.65

FRESH MOVIE

Late 1956 dated, fast, fine grain, panchromatic ASA 50. Prices include new fast processing service

44: 111200 monago mon 1001 bilano	Burne	******
8mm x 25' dble. roll	\$1.10	1
BOLEX 8mm x 100' dble. roll 16mm x 50' mag	3.50	louv
16mm x 50' mag	1.75	801
16mm x 50' mag, Plus X or XX	2.00	SIX
16mm x 100' Ansco	2.75	GET
16mm x 100'	2.50	(ONE
16mm x 100' Kodak Plus X	2.95	ONE.
16mm x 100'	1.50	EXTRA
16mm x 100' Kodak Super XX	3.00	TFREE
8mm Mag. B. & W	2.00	/

e....\$16.00 MOVIE QUANTITY DISCOUNTS

B&W ASA 50 16x107 cam. spool. No proc. Add pastage.

SIZE 54 Rolls 27 Rolls 15 Rolls 16mm x 25° 20 92 \$4 OE \$2 7E 16mm x 50" 19.95 10.95 5 05 16mm v 100 49 50 29 50 17 95

Black & White Movie Film Processing Service
8mm x 25° Dble. \$.55 ea
16mm x 100° \$1.00 ea
16mm x 50°

AERO EKTACHROME FOR MOVIE FANS-ASA 40

8mm x 100'-\$4.75 3 for \$13.25 16mm x 100'—\$4.75 Proc. not Incl.

B & W MOVIE FILM ASA 50-1956 Date

8mm x 25' dbl. \$1.00 8mm x 25' dbl. ASA 20..\$1 8mm x 100' dbl. \$3.25 16mm x 100' - ASA 8 - 35 1.60 16mm x 100' - ASA 8 - 35 0 ate 8 10' - \$2.50 11 with proc. incl. BUY 6—get one extra FREE!

16mm x 50' Mag., Orig. Kodak Pack, Neg......\$1 16mm x 100' Roll, Kodak Super-XX, Neg......\$1.75

MOVIE FANS COLOR COLOR

For those who desire the utmost in color equal to the best color you have ever used! Price Includes Proc. 8mm x 25 ft, double...\$2.25 ea. 16mm x 100 ft....\$6.75 ea. 8mm x 100' dble. roll...............\$6.75

FRESH ASA 50 AERO EKTACHROME 35mm x 20 exp....\$1.50 ea.

4 for \$5.00 Processing included
Buy 6—Get ONE FREE 35mm x 40' BULK \$5.00 35mm x 75' BULK.... \$7.50 35mm x 75' plus 41/2 gal, devel, kit. \$10.00

* * FREE! * * With every order of \$25 or more—you get a FREE 1 year subscription — \$4 value — to Modern Photography or U.S. Camera (specify).

ANCCO COLOR 1000 DATE

MUSCO COLOK 1936 DAIE	
Daylight or Tungsten	
35mm x 100'\$21.50	
35mm x 50' 12.49	
35mm x 27½' 6.95	
35mm x 20 exp. in metal cartr. 1.20 es	i.
6 for \$5.50 12 for \$1	
FREE daylight conversion filter wit	h
\$5 order of Anscocolor Tungsten above	8.
620 Tungsten 6 for \$2.7	15

Aero EKTACHROME ASA 40 with 1½ gallon processing kit 5½ x 20'.....\$5.95 51/4 x 40'... 91/2 x 40'... \$9.95 \$16.95 35mm x 371/2'..... \$6.95 EXTRA—Free compensating filter with any of above. SPECIAL—4½ gallon Ektachrome processing kit \$3.95

Bulk ANSCO COLOR daylight or Tung. #534 1955 DATE

35mm x 100' \$17.50

35mm x 50' 9.00

35mm x 27½' 5.90 \$17.50

Original ANSCO PACK.
Late 1956 DATE—16mm x 50'
8&W Movie Film—ASA 59 30 Roll Can PLUS
16mm x 100' reels or 5 16mm magazines
ALL FOR ONLY \$16.75



EXCLUSIVE—RADIANT

EXCLUSIVE—RADIANT
Portable Tripod Screens
Crystal beaded 1955 Model
With new YWA-FIECT fabric. Those screens
are guaranteed for life-fireproof, fungus
proof, and washable. No other screens at these
prices have all these higher-priced features.
30 x 40,224.95 910.95 37 x 50 3538 910.35
30 x 40 x 40 x 40 x 55 5 2 x 5 3 0 x 50 33.85 16.35

Screens are shipped R.R. Expr. collect postage

SAVE SSS ON MANSFIELD **ACTION EDITORS**

complete with rewinds & splicer 8mm complete. list \$39.50 SALE \$21.45 16mm complete, list \$44.50 SALE \$23.95



4-LITE FOLDING MOVIES BAR LIGHT with sturdy metal case and 7 ft. heavy duty cord reg. \$15.95 SALE \$9.95 Bulbs remain on bar when in case \$1 each with purchase of bar.

We have 500 rolls of late 1955 Polaroid Film, Type 31, 23/4" x 31/2" 6 rolls for \$5

AERIAL FILM Recent date! In original metal containers.

KODAK XX	KODAK TRI-X
5¼"x9'4 for \$1	5¼ "x20'2 for \$1
5¼"x20'2 for \$1	7"x18'\$1 ea. 7%"x62'\$2.98
7"x125'	916"x75' 7.95
01/ //	01/ "=900" 14 0

SHOOT PICTURES FOR PENNIES ANSCO Color Tung, 35mm x 100' One Daylight Loader, 10 Empty Cartridges plus a One Year Free Subscription to U.S. Camera (\$4 Value) —Total Value \$35 AWON PRICE—\$320.

ANSCOCHROME	Day.	1956	DATE	ASA	32
35mm x 100' (orig fa 35mm x 28' (orig fac	ctory p	ack)			\$32.95
35mm x 20 exp	\$	1.35 ea		4 6	OF 4.98
120 or 620				3 f	or 3.00
SPECIAL AWON	OFFE	RI	Bulk F	lm Sp	eciall

35mm Fresh Bulk Negative Safety
Kodak Plus X, Super XX, Kodak Weston 24 or DuPont
1 or #2-100' \$1.98 ea.; 400' \$7.50

or #2—100' \$1.98 ea.; 400' \$7.

35mm x 20 Exp. Cart.

Plus X or Super XX 6 for \$1.50; 12 for \$2.50

PAPER SALE

CONTACT PAPER—less than 1¢ a print 7½ x 7½" SWGL (250 shts), #1, 2, 3,4 \$2.75 10 x 10" SWSM #1, 2, 4 ... 1 box (100 shts) 98¢ 18 x 22" LWSM #1, 2 ... 1 box (50 shts) 1.98 KODAK 35mm x 100" LWSM #3... 98¢ ea.

ENLARGING PAPER

HALOID 10 x 10" DWSM #1....1 box (100 shts) \$1.89 5 boxes (500 shts) 7.50 10 boxes (1,000 shts) 13.50

NEW EXPOSURE METERS

The New SKAN Quick Meter Model #SM-3
List \$17.95 AWON PRICE—\$13.95
NORWOOD DIRECTOR M-2
List \$28.50 AWON PRICE—\$23.95
DEJUR DUAL-PROFESSIONAL
List \$28.95 AWON PRICE—\$7.95
DEJUR "5B" with case
List \$15.95 AWON PRICE—\$7.95
WESTON MASTER II
List \$29.95 AWON PRICE—\$1.95
New WESTON DR Direct Reading
List \$16.95 AWON PRICE—\$21.95 Incl case

THIS MONTH'S SPECIALS

16mm x 50 mag, XX, Kodak proc. incl. \$2.25 Cardboard Steree Mounts 100 for \$3.50 Anneo 35mm Cardboard Mounts x 100 may 100 may

FREE film, one roll of 35mm B&W film! with every roll of 35mm color



FOR JUST \$1

you get a Brand New Famous Make TAPE RECORDER Reg. \$100 with your purchase of a Brand New DE JUR 750 (8mm) PROJECTOR

\$159.50 incl case Total List value of 259.50 AWON PRICE-\$160.50



AWON SPECIAL!

With every purchase of a movie camera (8 or 16mm) Awon gives you

FREE a Brand New wide angle and telephoto lens for your camera.

8mm Telephoto Lens—11/2", f3.5 eg. \$12.95 AWON PRICE—\$495

Reg. \$12.95

BRAND NEW!

For 8mm, 16mm and 35mm
MORSE G-3 DEVELOPING OUTFIT
List \$28.50 AWON PRICE—\$21.95

Please include postage with all your orders. 20% DISCOUNT on all 1

AWON FILMS

* 108M West 29th Street, New York 1, N.



NEVER-TO-BE-FORGOTTEN HOLIDAY CELEBRATION



30 DAY ABSOLUTE MONEY BACK GUARANTEE

2 YEAR UNCONDITIONAL SERVICE GUARANTEE

And Remember ... Broadway's Easy Time Payment Plan ONLY-10% DOWN Delivers Your Equipment. Trade-Ins may be used as a Down Payment. ACT NOW . . . AND SAVE \$!

TDC-REVERE PROJECTOR OWNERS! A B'WAY EXCLUSIVE!



i All Metal Filing Cabinet...reg. 9.95 12 Trays....reg. 18.00

Reg. 27.95 Value ALL FOR THE 14.50 Brand New



Terrific Tripod Offers! STAR D COMET With Swing-over Tilt Reg NOW 15.95

STAR D CONQUEST SPECIAL 13.95



IT'S INDOOR MOVIE TIME!

The nationally advertised BARLITE (reg. 19.95) with Metal carrying SPECIAL 9.95

Brand No

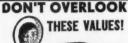


You'll Save Plenty On A Brand Hew RICOH "35" OUTFIT!

NOW 59.50 COMPLETE

UNIVERSAL VARIABLE FIELD ZOOM FINDER! For Leica, Canon, Niken, Contax, etc. Reg. 29.95

AT B'WAY ONLY 13.95





 DeJur—Biltz
 39.95

 FR Reporter
 54.95

 Uitra Biltz Expert Mod. 4.
 69.95

 Sunlite Med. II
 69.95

 Thriftlite
 59.50
 29.50 42.50 39.95 24.50 25.00

Ready Flash Outfit! Memar Outfit! • ReadyflashCamera..6.95 Ansco Gass Memar Ansco Gass Memar Ansco Universal Top Grain 7.95 • Flashgun · 4 Flash bulbs. • 1 Roll 620 Film.2.95 BROADWAY SPECIAL 10-85 Plus FREE TRAVELER CASE (Reg. 4.95 Value) BROADWA THE BEST BUY FOR XMAS GIVING! The Minelta Autocord Features compared to earn selling for hundreds of dollars. Truly a terrific Fac. to 1,400th & Bulb Fully Auto Film Transport BROADWAY PRICE: 99.50 *** Already in Stock . . .

Immediate Delivery! The Minolta A

35mm Camera 13.5 4 Element Lens Color Corrected. 1 sec to 1/300th & Bulb Click Stop Diaphraym Rapid Wind

BROADWAY PRICE: 49.50 New

QUALITY MOVIE LENSES S SALE 48.40 17.50 26.95 24.95 5.85 9.95 12.95 12.95 12.95 24.95 24.95 24.95 10mm (2.2 Foc. 95.85)
17mm (2.3 Foc. 95.95)
27 (1.5 Foc. 94.95)
27 (1.5 Foc. 94.95)
27 (1.5 Foc. 94.95)
27 (1.5 Foc. 94.95)
27 (3.5 Foc. 94.25,00)
27 (3.5 Foc. 94.25,00)
28 mm WATCHED BETS
Tole Both (2.5 96.90)
4 mm W.A. & 11/27
Tele Both (2.5 96.90)
4 mm W.A. & 3.90 37.95 47.40

Grain 7.95 Profession 6.75 Ange Dec Case 6.95 Ange Dec Case 6.95 Ange Dec Case 6.75 Ange	look 'ing Par	Camera II	
PECIAL 56.25 Chemicals & Instruction E	Printing Page Book	Camera Case 18.00	
RAVELER CASE	look 'ing Par	rod Flashgun Case 18.95	
90 750R 04- A TOPPO-		Relian 3.42	
		4 Fins Film 4.20	
"Hilliam	74-		
moul Devote	14.9	ABROADWAY FYOUR 33.75	
-10101	ING TANK	A BROADWAY 33.75	
*	8.75	AN EXCLUSIVE	101
V R		ONLY 27.95	$I\mathcal{L}^{0}$
		47.95	
		M	
			70
35mm Camera & Stere		Kodak Brownie f2.7	22.
	46.50	Roll Film Cameras	39.
Argus C4	32.50	Agfa Isolette f4.5 69.50	27.
IV \$2284.00	120.00	Golde #2.9 ctd 127	19.
Ciro 35 f3.5 ctd 66.50	36.50		
		Polaroid Pathfinder249.50	148.
Clarus (2.8 etd rfdr109.50	34.50	Polaroid 95A	148.
Contains I	34.50 85.00	Polaroid 95A 89.75 Polaroid Highlander 69.95 Super Ikonta # f2.8	148. 44. 39.
Clarus f2.8 ctd rfdr109.50 Contaffex 1	34.50 85.00 74.50 49.50	Polaroid 95A	148. 44. 39.
Clarus f2.8 ctd rfdr	34.50 85.00 74.50 49.50 37.50	Polaroid 95A 99.75 Polaroid Highlander 69.95 Super licenta 8 f2.8 Tessar synch 139.00 Super licenta A f4.5	148. 44. 39. 84.
Clarus f2.8 ctd rfdr	34.50 85.00 74.50 49.50 37.50	Polaroid 95A	148. 44. 39. 84.
Clarus f2.8 ctd rfdr	34.50 85.00 74.50 49.50 37.50	Polaroid 95A 89.75 Polaroid Mighlander 69.95 Super Ikonta 8 72.8 Tessar synch	148. 44. 39. 84. 49. 47.
Clarus f2.8 ctd rfdr 109.50 Contafex i	34.50 85.00 74.50 49.50 37.50	Polaroid 95A 99.75 Polaroid Highlander 99.95 Super Ikonta B #2.5 Tessar synch	148. 44. 39. 84. 49. 47.
Clarus #2.8 ctd rfdr. 109.50 Contaffex I Scenar 109.50 Contaffex I Scenar 19.50 Kodak Retina 84.50 Kodak Serreo 84.50 Kodak Santam #4. 86.75 Kodak Santam #4. 86.75 Kodak Santam #4. 86.75	34.50 85.00 74.50 49.50 37.50 49.50 37.50 27.50 267.50	Polaroid 95A 89.75 Polaroid Nighlander 69.95 Super lionta B f2.8 Tessar synch 139.00 Super lionta A f4.5 Tessar West 139.00 Voigtlander Seesa f3.5. Ikonta Super C f4.5 Synch Smm Projectors	148. 44. 39. 84. 49. 47. 42.
Clarus (2.8 cbt rfeir	34.50 88.00 74.50 49.50 37.80 49.50 27.50 287.50	Polaroid 95A 95.75 Polaroid Nightander 95.95 Super Ikonta 8 72.5 Tessar 37nch 139.00 See 139.00 Voigitander Bessa 72.5 Ikonta Super C 6.8 Synch Sum Projectors 84H Regent 179.05	148. 44. 39. 84. 49. 47. 42.
Clarus (2.8 cbt rfeir	34.50 85.00 74.50 49.50 37.50 49.50 37.50 27.50 267.50	Polaroid 88A 89.78 Polaroid Nighlander 99.85 Polaroid Nighlander 99.85 Tessar synch 129.00 Super ikonia 4 f4.5 Super ikonia A f4.5 Synch 329 C f4.8 Synch 329 C f4.8 Synch 179.65 Semm Projectors B&H Regent 179.85 Revere Model 85. 124.50	148. 44. 39. 84. 49. 47. 42. 92. 64. 67.
Clarus (2.8 cdd rfdr. 109.50 Contaffer; 1.09.50 Graphic 35 case & Fissh 89.50 Kodak Betina	34.50 85.00 74.50 49.50 37.50 49.50 27.50 287.50 169.50 164.50	Polaroid 88A 89.78 Polaroid Nighlander 99.85 Polaroid Nighlander 99.85 Tessar synch 129.00 Super ikonia 4 f4.5 Super ikonia A f4.5 Synch 329 C f4.8 Synch 329 C f4.8 Synch 179.65 Semm Projectors B&H Regent 179.85 Revere Model 85. 124.50	148. 44. 39. 84. 49. 47. 42. 64. 67.
Clarus (2.8 cds rfdr. 109.50 Contage; 1 52 Somer. 199.50 Contage; 1 52 Somer. 199.50 Kodak Stereo 9.4.50 Kodak Stereo 9.4.50 Kodak Stereo 9.4.50 Kodak 35 fd. 199.50 Kodak 36 fd. 199.50 Leica 1117 Z Summiron. 236.00 Leica 1147 Z Summiron. 276.00 Leica 1147 Z Summiron. 276.00 Minotta Med 11 73.8	34.50 85.00 74.50 49.50 37.50 27.50 287.50 169.50 164.50 99.50	Polaroid 88A 89.78 Polaroid Nighlander 99.85 Polaroid Nighlander 99.85 Super ikonda 74.5 Super ikonda 74.5 Tessar synch 23.5 Overstander Break 23.5 Synch Synch Synch Super ikonda 74.5 Super ik	148. 44. 39. 84. 49. 47. 42. 64. 67. 42.
Clarus (2.8 cdd rfdr. 109.50 Contaffer; 1.09.50 Graphic 35 case & Fissh 89.50 Graphic 35 case & Fissh 89.50 Kodak Betina	34.50 85.00 74.50 49.50 37.50 49.50 37.50 27.50 287.50 169.50 164.50 99.50	Polaroid 88A 89.78 Polaroid 78A 89.78 Polaroid 78A 89.78 Fessar synch 139.60 Super ikonia 474.8 Super ikonia 474.8 Synch 139.60 Som Projectors BAH Regent 179.85 SOW Keystone K70C 89.85 SOW Keystone K70C 89.85	148. 44. 39. 84. 49. 47. 42. 64. 67. 42. 69. 38.
Clarus (2.8 cdd rfdr. 109.50 Contaffer; 1.09.50 Graphic 35 case & Fissh 89.50 Graphic 35 case & Fissh 89.50 Kodak Betina	34.50 85.00 74.50 49.50 37.80 49.50 287.50 287.50 169.50 164.50 99.50	Polaroid 88A	148. 44. 39. 84. 49. 47. 42. 64. 67. 42. 69. 38.
Clarus (2.8 cdd rfdr. 109.50 Contaffer, 1	34.50 85.00 74.50 49.50 37.50 27.50 27.50 287.50 164.50 99.50	Polaroid 88A 89.78 Polaroid Nightander. 09.85 Fossar synch. 139.00 Super ikonta 474.8 Super ikonta A 74.8 Synch 139.00 Ikonta Super C 74.8 Synch 170.8 Semm Projectors BAH Regent. 170.95 SOW Keystone K70C 69.58 SOW Keystone K70C 69.50	148. 44. 39. 84. 49. 47. 42. 64. 67. 42. 69. 38.
Clarus (2.8 cdd rfdr. 109.50 Contast IF 25 case & Flash 89.50 Graphic 35 case & Flash 89.50 Kodak Betlina	34.50 55.00 74.50 49.50 27.50 27.50 27.50 287.50 169.50 169.50 107.58 192.50 219.00	Polaroid 88A	148. 44. 39. 84. 49. 47. 42. 64. 67. 42. 69. 38.
Clarus (2.8 cdd rfdr. 109.50 Contaffer, 1	34.50 85.00 74.50 49.50 37.80 49.50 287.50 287.50 169.50 164.50 99.50	Polaroid 88A 89.78 Polaroid Nightander. 09.85 Fossar synch. 139.00 Super ikonta 474.8 Super ikonta A 74.8 Synch 139.00 Ikonta Super C 74.8 Synch 170.8 Semm Projectors BAH Regent. 170.95 SOW Keystone K70C 69.58 SOW Keystone K70C 69.50	148. 44. 39. 84. 49. 47. 42. 64. 67. 42.

49.50

Ansco Home

Smm Movie Camera Cine Kodak 8 11.9. Cine Kodak Mag 8 72.7 OVER 10,000
SENSATIONAL PHOTO
BUYS! WRITE FOR
SPECIAL NEEDS!

BROADWAY CAMERA SHOP

ARGUS C3 OUTFIT ncluding:

Including:

Camera Case Flashgun
Telephoto Lens 6 — 20 Exp.
Rolls Tri-X Film 9 2 Rolls Color Film 6 Filters 6 Exposure Meter
Reg. NEW 158.00
64.00

872 BROADWAY, NEW YORK 3,

872 Broadway, New York 3, N. Y. For personal service write to Roy Talbert Please Quote on trade. My old camera is a City/Town C.O.D. picase send 10% deposit

73.8 49.50 VX f3.5 Tessar enta Prism......239.50

A PROFESSIONAL METER # AN AMATEUR PRICE



SEKONIC PHOTO ELECTRIC EXPOSURE METER

- Simple to use
 For the New Compus
 'Light Value' system
 Direct Reading
 Humidity-proof
- \$8.45

complete with case

Movie Fans MITCHELL HAS THE FASTEST!

> 8mm Telephoto 11/2" f:1

Only \$75.00

16mm Telephoto 3" f:1.5. Only \$75.

16mm Wide Angle 10mm f:2.2. Only \$49.95

Lowest Prices Ever! PLASTIC RECORDING TAPE

> 5" Reels 3 for \$4.99 7" Reels 3 for \$6.99

"35"



25mm CINCIE LENS REFLEX

Precision built import, compares to others selling for \$100. JUST LOOK AT THESE FEATURES . . .

sec.

Interchangeable lenses Built-in Cpld Rangefinder f3.5 Coated Lens Shutter speed to 1/200



OFFERED IN A

. 20 ft. wind

PRICE

. Brilliant Finder

MOVIE CAMERA

· Slow motion and sound speed :

F:2

ized shutter. speeds from I ec. to 1/1000 sec. built-in rangefinder.

SHMMICRON

CHELL HAS EVER

A terrific buy of one of the best single-lens reflex cameras. This is single-lens cameras. This is the newest model with F2.8 Auto the newest model with F2.8 Auto Westenarand PRE-SET DIAPHRAGM. Fully synched.

Automotic

PRAKTIFLEX FX

\$84.50

Convert Your Slide Projector



SAVE ON BRAND AUTOMATIC SLIDE CHANGER

Newest way to store and show slides! For 2 x 2 projectors, fits AMPRO, KODAK, SVE, TDC, VIEWLEX, SKAN, BRUMBERGER. Complete with mag. of 36 slides and adapter. Specify projector model.

Reg. \$14.95 \$9.95

Mag. \$2.25-Spec. \$1.59

BRAND NEW FAMOUS DAVIDSON

STAR D TRIPOD Reg.

Conquest Elevating \$19.95 3 section 15.40 9.49 10.95



RECORDER

• 100 ft. economical speel load

· Interchangeable lenses

AND LOOK AT THE PRICE

. 1:2 5 Lens

Brand New, factory guarantee. LOOK AT THESE FEA-TURES . . . 3/3 the size of a small typewriter . . . Only 14 lbs. . . . full hour of recording . . . fast forward and rewind . . . two-tone case. COMPLETE WITH Crystal Mike, 5" Reel & Tape, Extra Reel & Power Cord. Nationally advertised at \$99.50.

ONLY \$68.75

TCHELL adds +2



OVER 50% on Movie Editing Equipment

MANSFIELD EDITORS

complete with action Editor, rewinds, splicer.

8mm Action Reg. \$39.95
8mm Deluxe Reg. 59.50
Now 27.95
16mm Deluxe Reg. 99.50
Now 32.50



Large DeLuxe Heavy Duty GADGET BAG x 73/4 x 3. Extra pocket,

SAVE \$12

Genuine Leather Gadget Bag 10 x 12 x 4 Postage 75c



THE GREATEST BUY WE HAVE EVER OFFERED **ULTRABLITZ** Expert

> **ELECTRONIC FLASH UNIT** COMPARE THESE FEATURES

Weighs only 3½ lbs.
Operates on four 15¢ Batteries
Also operates on AC current
1/1000 sec. flash duration
Guide # 250 for B&W

NOW COMPARE THE PRICE . . Reg. 589.50 SPECIAL 3 9.95

SENSATIONAL BUY ON THE CAMERA FASTEST TELEPHOTO LENS MADE

11/2" 1:1.4 \$2495 REVERE, KEYSTONE

ZOOM

FINDER FOR LEICA, CONTAX. CANON NIKON, etc.

From 35mm

STEREO PROJECTOR



Dept. M12

with f:3.5 ctd. lenses, twin 500 watt lamps, blower cooled, hori-zontal and vertical alignment.

only \$74.50

REVERE-TDC-VIEWLEX OWNERS THIS IS FOR YOU!



Trays for your TDC Selectron or Viewlex Change-O-Matic. Holds 36 slides per tray, cardboard or

Specify Proj. 12 for \$5.50 EXTENSION TUBES FOR LEICA

HIGH QUALITY GERMAN MADE

ANODIZED Reg. \$17.95

NOW IS THE TIME TO **BUY THAT LENS!**

8MM

	7mm F2.5 W.A	18.5
	6.5mm FI.9 8-ELEMENT W.A.	
	RETROFOCUS	28.7
	11/2" F3.2 FOCUS MT	
		12.9
	11/2" F2.5 FOCUS MT	15.9
i	11/2" FI.9 FOCUS MT	21,9
١	5 / 5 / 5 /	

170	mm	F2.7	W.	A	 .\$24.4	3
3"	F3.5	FO	CU	SING	 22.7	7
3"	F2.5	FO	CU	SING	 29.7	I
34	EI 4	FO	CIII	SING	34.9	þ

camera stores, inc. WEST 50th STREET, NEW YORK 19, N. Y., PL 7-6812



Write for Our New Catalog #M12 C.O.D., please send 10% deposit. Include postage on all prepaid orders.

Excess refunded.

Brand New Nationally Advertised

SOLIGON



Split Image & Ground Glass

- Focusing Matched f:3.5 ctd. lenses
- FX Synch Speeds to 1/300

\$29.50

EXAKTA VX

Latest 1955 Model



Will accept PEN-TAPRISM FIND-ER with f2 Coated Biotar in Auto-Diaphragm

Reg. \$345.

NOW \$197.50

NEW!

LATEST MODEL AUTOMATIC



PENTACON

with f2 Coated lens in Auto-Diaphragm

Reg. \$259.50 \$147.95

EXAKTA "66"

21/4 x 21/4 Single-lens REFLEX CAMERA Uses 120 roll film. Takes interchangeable

With f:2.8 TESSAR Preset

\$212.50



SAVE \$24 on Brand New 21/4 x 21/4 GOLDE REFLEX PROJECTOR

300 W. Blower Cooled. F:3.5 lens. 35mm adapter. Free Case \$84 reg. **ONLY \$60.00**

EXAKTA ACCESSORIES

Microscope Adapter 9.95
Folding BC Flashgun & Case 11.95



Extension Bellows

Prism with Range-finder \$31.50 finder ...\$31.50
Prism with Ground
Glass ... 18.50
Rangefinder for
Prism .. 12.50

IMAGE ERECTING FINDER

for LEICA & CONTAX etc. BRAND NEW-COMPLETE WITH CASE

\$40.80 Value \$7 7.50

KODAK RETINA IIIC

F.2 XENAR

Telephoto Lens \$59.50 Wide Angle Lens 46.50

THE WORLD FAMOUS



LATEST 1956 MODEL

A TERRIFIC HOLIDAY BUY!

The Camera Preferred By Professionals.

with f2 Nikkor Only \$193.50

with fl.4 Nikkor Only \$222.50

When You Think About Buying a Movie Camera ... I



GO TO MITCHELL!!

Here's a top-quality, nationally advertised, brand name movie camera (sorry can't mention the name, you'll recognize it immediately) at a fantastically reduced price. Has fl.9 coated lens with interchangeable mount. Complete with manufacturer's guarantee.

We have managed to obtain a limited number of BRAND NEW (disc. model)



with f3.5 coated Xenar lens, M-X flash synchronization.

> Only \$87.50 Case \$10.

CLOSE-UP LENSES FOR YOUR ROLLEI

Set #1 40" \$Q.95

to 181/2"

Set #2 20" to 121/2"

FREE CASE

HERE'S AN INEXPENSIVE GIFT FOR MOVIE FANSI LAMP LIGHT BAR



Carrying Case & 4 Lamps

Reg. \$25. SPECIAL \$14.95 **GENUINE TELEPHOTO** LENS FOR ARGUS C-3



Do not confuse with cheap accessory lenses! 135mm f4.5. Complete with viewfinder mask.

> SPECIAL \$37.50

Nationally Advertised SLIDE PROJECTOR

American Optical 300 300 Watt Blower Cooled LOOK WHAT YOU GET ...

Now

Airequipt Automatic Slide Changer \$14.95. Carrying Case \$7.50.

a \$72.50 Value

OUR BEST XMAS GIFT BUYS AT MITCHELL. RUSH YOUR ORDER FOR QUICK SERVICE



camera stores, inc.

STREET, NEW YORK 19, N. Y., PL 7-6812



GIVE SEASON'S GREETINGS with a GIFT from GARTEL

Quality Always—at a Low Price!



20-Exp......1.39 3 Rolls.....3.99

100' BULK, original fac-tory pack, plus 30 cart. 28' ROLL, with easy loader plus 8 cartridges. Original fac-tory pack. Film only 8.49.

35mm ANSCO COLOR. New emulsion types 534 and 535. Fresh 1956 Day, or Tung. 20-EXP. RELOADS.

10 x 10 ENLARGING PAPER

SW, SM, October 1954, #1 and #3 only. Orig. pack. 100 sheets to package. Shpg. wgt. 5 lbs. SW, Glossy. Mfrd. by Haloid, JANUARY 1955 dating. #1. 2. 3. 100 sheets to package. Shpg. wgt. 4 lbs.

DW, SM. Mfrd. by Halold. MARCH 1955 dating. #1, 2, 3. 100 sheets to package. Shpg. wgt. 6 lbs.

wgt. 6 lbs.
any 2 pkgs. 5.50
ea. 2.95

FRESH 1956—FACTORY PACKED McGREGOR

COLOR FILM

36-Exposure Roll 3 for

12-Exposure Roll 2.99 3 for

Daylight or Tungston Processing & Mounting Incl.

HOME PORTRAIT METER

for only 2.97 (Reg. 4.95)



SPECIAL!

Good portraits . . . the first time! Shows where to place your tights. With 32-page booklet.

A grand aift itemi

CONTACT PAPER SPECIAL

10x10-1955 Dated

In sealed original fac-tory pack. SW. SM, con-trasts #2 and #3, 100 sheets to pkg.

2 pkgs. 2.29

HALOID ENLARGING PAPER 10x10-1955 Dated

DW, SM. Contrast #3 only. Original factory pack. 100 sheets to pack-

Limited quantity

RROVIRA-CYKORA 8x10 ENLARGING PAPER

SW, Glossy, Contrasts #1, 2, 3, 1955 dating. 3.49

3 pkgs. 9.99

BROVIRA ENL. PAPER

x 85%", SW, Glossy, # an. 1955 dating. Origin 3.29

3 pkgs. 8.99

35mm Perforated POSITIVE FILM

This film is cut from fresh stock. DO NOT CONFUSE WITH SURPLUS FILM. You get enough to make at least 800 transparencies, 100' ROLL (Reg. 3.49)

AERIAL FILM

1954-95 Pated Orig. Sealed Canal 5½ "x20" Infra-Red. Aug. 1954.1.29 5½ x20" Tri-X, Feb. 1954....2.50 5½ x36" Super-XX, Feb. 1955.3.50 5½ x10" Super-XX, Sept. 1954......5.00

35mm DIRECT POSITIVE

Panchromatic film. Make extremely Fine Grain transparencies of su-perior tonal quality directly in you-camera without negatives. Daylight ASA64; Tungsten ASA50. Com-plete diagrams for daylight & pho-toflood exposures.

20-EXP.-3 for 1.49 36-EXP .-- 3 for 2.25, 6 for 3.98

> DIRECT POSITIVE DEVELOPING KIT

is all necessary chem-als. Made by E. K. Lipped via Railway Ex-ess only.

Faster Than Super-XXII NEW E. K. TRI-X 35mm RELOADS

From Factory Fresh 1956 Dated Film! Take indoor shots by existing light! Indoors at night without masn: Better than 200 1.29

20. Evnosures 35mm BULK TRI-X SPECIAL

Factory fresh 1956 dated! Do not confuse with outdated surplus. 35mm x 50'... 2.50

8mm FRESH B & W MOVIE FILM

Finest of film stock at a price most favorable to you! This is the very BEST fam film available. ASA-50. Fine Grain Pan. We offer it at our usual below-the-market price. (Low price includes process-8mm Dbl. 25 ft.

16mm x 50' MOVIE FILM E.K. Plus-X Magazines, Orig. factory pack. Low price includes processing.

6 for 13.25

We Overbought-You Savel 35mmx50' E. K. SUPER-XX Original factory pack. 1.09

Yes, and you receive the usual Gartel Guarantee of perfect quality!

FRESH 1956 35mm SAFETY FILM PLUS-X-SUPER-XX

00' Bulk 2.79

20-Exp. Reloads 3 for 1,00 36-Exp. Reloads 3 for 1,50

The very same film we supply to exacting professionals

AERO EKTACHROME

1955 original factory packed Kit includes film, chemicals for home processing, and complete instruct'ons. 51/2" x 40'.....only 14.95

KITS for Home Processing 35mm RELOADS, 100ASA. 3 for 10 times faster than other color films. 20-Exp. incl. process. & mtg. 4.79

BULK SPECIAL! 35mm x 4.50

93/8" x 200' ENLARGING PAPER

1954- JUNE THRU -1954

Single weight, semi-matte, contrasts #2 and #3. In contrasts #2 and vacuum sealed cans

only 3.79

2 Rolls-7.50 g. wgt. 10 lbs. per

35mm INFRA-RED

Reloads from factory fresh 1956 dated film. Fantastically fast— 1.50

35mm MICROFILE 20-EXPOSURES

Perforated. Cut from factory fresh 1956 stock. 3 for 1.49

NORWOOD EXPOSURE METER

DON'T DELAY ORDER TODAY!

For flash only. Set dial, sight subject. That's all! Perfect so-lution to ac-curate exposure.

BULK FILM COMBINATION Daylite Bulk Loader

With 1955 50' roll—factory 5.95 With 1955 100' roll, factory-



RTEL PHOTO SUPPLY CO. LONG ISLAND, N. Y. (MAIL ORDER DIVISION)

Orders must include sufficient postage

MODERN STEREO

(Continued from page 48)

other 2-D image with the other camera lens (the one previously capped). In this case, each a 12-second time exposure at f/8. In other words, you are projecting the stereo images one at a time, left and right (each time in 2-D only), and copying them also one at a time . . . first with the left stereo lens (right lens capped) and then with the right stereo lens (left lens capped). Important: Since your stereo slide is in the projector upside down.



4. With the room lights off, project (and copy) one side of your stereo slide at a time. This was made at an exposure of 12 seconds at f/8 opening.

be sure to correspond your copying procedure by copying the left-projector-lens image with the right stereo camera lens and the right-projectorlens image with the left stereo camera lens

And that's all there is to it! Once you catch on, the procedure is quite simple and easily adapted to all manner of variations. And it's all sorts of fun . . . especially when people look at your results and want to know how they're accomplished.

Let 'em twist your arm a bit before you tell them .-- THE END

HOW TO DO IT

If you keep score of your film right on the box you'll know at a glance how many sheets you have left, and at the same time protect them from stray lint and dust. Make a notation on the box



lid each time you withdraw film. The total number of film sheets remaining in the box should always be the last figure showing.—Hartwell J. Kennard



and ready for Christmas!

eaD

0

0

e 1-of

ie

nt

st

You can load up to 150 slides!

You can enjoy full hour shows . . . automatically!

And you can feed, project, change and restack your slides in proper sequence . . . without handling a single one - in fact, with just a touch!

and only 59 50 plus F.ET.

Other models priced \$49.50 to \$154.95

finest budget-priced automatic 35mm slide projector made

Really new in every way! Packed with features found only in La Belle's most expensive models, including: touch system control, automatic full-hour shows, blower-cooling, 5" f/3.5 lens, completely uniform 300-watt illumination, no slide-wipe, glare or extended blackout when changing slides, and . . . it's less than 7 pounds!

Your La Belle dealer is the man to see. Visit him soon!

FREE BOOKLET!

Mail coupon and discover How to Show Your Slides Without Losing Your Friends. No obligation.

LA BELLE SALES CORPORATION Oconomowoc, Wis., Dept. M.P. 12

Please send me my free booklet. I want to know more!

____Zone__State_

You get seven different speeds



With Bolex cameras you shoot movies at speeds from ultra-slow to extra-fast -8 to 64 frames-per-second. Bolex 8 mm cameras are ideal for sports and action films.

You'll use an optical zoom viewfinder



On the Bolex an optical viewfinder uses moving lenses to show precisely what you are filming. No calculations or use of masks, no lines on finder — you shoot what you see.

Instant stop protects your films



Bolex cameras stop instantly on rundown. With Bolex, film transport speed is perfectly even right up to the last frame — no change of speed to spoil film exposure or movement.

You can shoot single frames



Bolex comes with single frame device — and with a cable release. You can shoot titles, animation, cartoons, and scientific movies with the Bolex B-8 and C-8.

You'll like the easy loading



Bolex B-8 and C-8 (identical except for turrets) load with greater ease than a box camera. Drop in loading can be done even with gloves on; precision gate removes for cleaning in a flash.

Swiss craftsmanship gives better films



Bolex cameras are made in the heart of the Swiss watchmaking country by Paillard. Bolex cameras have built-in quality giving steady, brilliant films.

You know you have extras, too

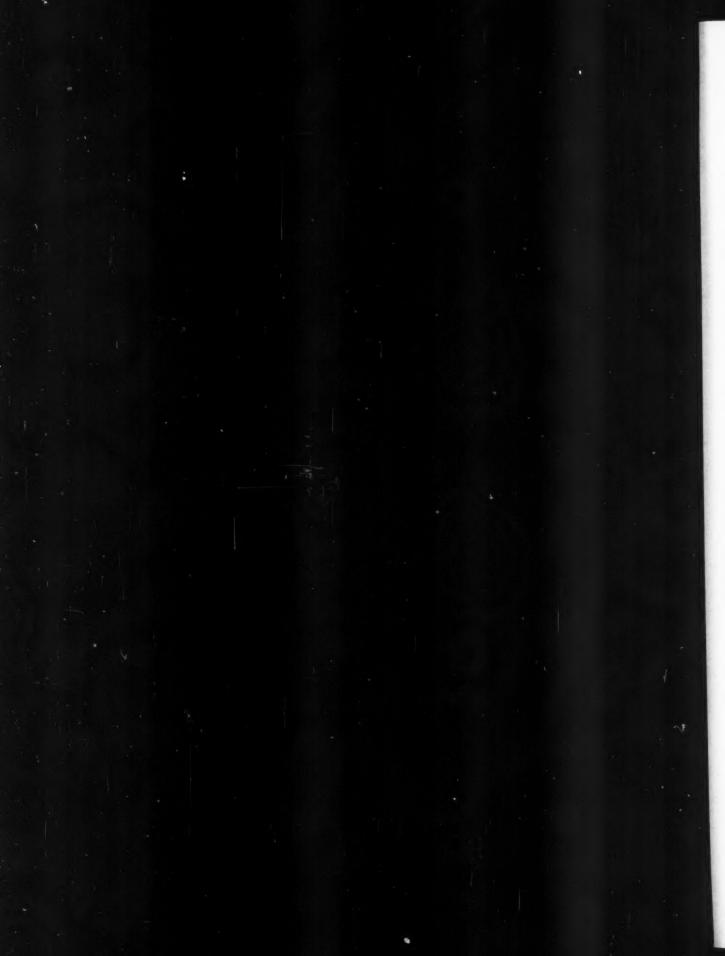


With Bolex, you get extras: genuine Morocco leather covering, ratchet winding, leather wrist-strap, near-the-eye geared footage counter, D mount, plus many other features.



PAILLARD PRODUCTS, INC., 100 Sixth Avenue, New York 13, N. Y. • Fine Swiss mechanisms since 1814





CAMERA BUYING GUIDE SECTION

COMPLETE LISTING of more than 175 currently marketed and discontinued cameras, divided into easy reference sections—35mm (all types); reflex $(2\frac{1}{4}x2\frac{1}{4}$ and smaller sizes); folding roll film; miscellaneous cameras. . . .

PRICES—both new and latest used selling prices, where available. . . .

IDENTIFICATION POINTS—serial number information, dates of manufacture, outstanding features which will help you to distinguish one model from another are illustrated and described. . . .

(Editor's Note: This material, the result of years of research and checking, is the most authoritative single guide for camera buyers ever published. It has been compiled by N. M. Grossman, Managing Editor of Photo Dealer Directory, under the guidance of Augustus Wolfman, Editor-in-Chief of Modern Photography.)

35MM CAMERAS, ALL TYPES

Since the invention, by Oskar Barnack, of the 35mm camera as we know it today, its popularity has grown steadily. Currently there are many fine 35mm cameras available, and the 35mm is probably the busiest of all camera markets. By tradition, the compact 35mm is quick and handy to use. Its small film size, that yields a 1 x 1½ inch negative, permits thirty-six (and sometimes more) pictures on a single load. Even among less expensive models, you can now work with a range of shutter speeds and fast lenses, many of which interchange with supplementary lenses for special picture effects. While we've tried to present a comprehensive list of 35mm cameras, some have not been included. In several instances, information was not available in time to meet our press date. In others (particularly regarding foreign-manufactured cameras), records were destroyed during World War II. Although prices given here are as accurate and as up-to-date as possible, Modern cannot assume responsibility for their final authenticity or likelihood to change.

ARGUS

Manufacturer: Argus Cameras, Inc., 405 Fourth St., Ann Arbor, Mich. Film Size: All models take up to 36 double frame (1 x 1½ in.) pictures on standard cartridge films. Shutter: All models except C series have between the lens shutters.

ARGUS MODEL A

Introduced: 1936 Discontinued: 1941 Lens: 50mm f/4.5 Argus anastigmat. Shutter: 1/25 to 1/150 or 1/200 sec., plus B & T.

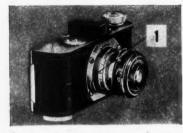
Special Features: Film counter; automatic film stop; two-position focusing mount.

Last List Price: \$12.50

Last Reported Used Selling Price Range in 1955: \$5.95-\$8.95

Serial Numbers: 1,037 to 211,589
Special Identification Points: 1. Plastic camera body came in black (AB), tan (AT), and gray (AG);
2. Two-position focusing mount.

ARGUS MODEL AF



Introduced: 1937 Discontinued: 1938 Lens: 50mm, f/4.5 Argus anastigmat. Shutter: 1/25 to 1/150 or 1/200 sec., plus B & T.

Special Features: Full focusing mount, for distances down to 15 in. Other features same as Model A.

Last List Price: \$15
Last Reported Used Selling Price
Range in 1955: \$7-\$9.95
Serial Numbers: 5,000 to 70,138
Special Identification Points: 1. Full

focusing mount.

ARGUS MODEL A2B



Introduced: 1939 Discontinued: 1950 Lens: 50mm, f/4.5 Argus anastigmat. Note: Model A2B cameras made after July, 1946 came with coated lenses.

Shutter: 1/25 to 1/150 or 1/200 sec., plus B & T.

Special Features: Built-in extinction type exposure meter. Other features same as Model A.

Last List Price: \$32

Last Reported Used Selling Price Range in 1955: Not available. Serial Numbers: 66,215 to 248,601

Special Identification Points: 1. Builtin exposure meter.

ARGUS MODEL A2F

Introduced: 1939 Discontinued: 1941 Lens: 50mm, f/4.5 Argus anastigmat. Shutter: 1/25 to 1/150 or 1/200 sec., plus B & T.

Special Features: Full focusing mount, for distances down to 15 in. Other features same as Model A2B.

Last List Price: \$15

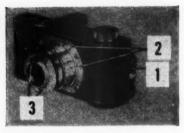
Last Reported Used Selling Price Range in 1955: \$7.50-\$9.95 Serial Numbers: 22,760 to 39,031 Special Identification Points: 1. Full

focusing mount.

ARGUS MODEL FA

Introduced: 1950 Discontinued: 1951 Lens: Factory coated 50mm, f/4.5 Argus anastigmat.

Shutter: 1/25 to 1/150 sec., plus B & T.
Special Features: Factory installed sync; special shutter speed and lens setting marked in red, for average exposures. Other features same as Model A.



Last List Price: \$29.95 Last Reported Used Selling Price Range in 1955: \$13-\$18 Serial Numbers: None. Bears stamped

date of manufacture.

Special Identification Points: 1. Factory installed sync; 2. Two-position focusing; 3. Special shutter speed and lens setting marked in red.

ARGUS MODEL B

Introduced: 1937 Discontinued: 1937 Lens: 50mm, f/2.9 anastigmat. Shutter: Prontor II, 1 to 1/175 sec., plus B & T, and self timer.

Special Features: Same as Model A.

Last List Price: \$25
Last Reported Used Selling Price
Range in 1955: Not available.

Serial Numbers: Same range as Mod. A. Special Identification Points: Only Argus 35mm model with f/2.9 lens and Prontor II shutter.

ARGUS MODEL A3



Introduced: 1940 Discontinued: 1942 Lens: 50mm, f/4 Argus anastigmat. Shutter: 1/25 to 1/150 sec., plus B & T.

Special Features: Built-in extinction type exposure meter; accessory shoe; body shutter release.

Last List Price: \$15

Last Reported Used Selling Price Range in 1955: \$6.50-\$11

Serial Numbers: 100,000 to 140,980 Special Identification Points: 1. Extinction type exposure meter, instead of photo-electric as in Mod. CC.

ARGUS MODEL CC (Colorcamera)
Introduced: 1941 Discontinued: 1942
Lens: 50mm, f/4 Argus anastigmat.
Shutter: 1/25 to 1/150 sec., plus
B & T.

Special Features: Built-in photo-electric type exposure meter. Other fea-



tures same as Model A3. Last List Price: \$25 Last Reported Used Selling Price Range in 1955: \$8.50-\$17 Serial Numbers: 100,000 to 140,980

(in common with Model A3 serial

numbers).

Special Identification Points: 1. Photoelectric type exposure meter, instead of extinction type as in Model A3.

ARGUS MODEL K



Introduced: 1939 Discontinued: 1941 Lens: 50mm, f/4.5 Argus anastigmat. Shutter: 1/25 to 1/150 or 1/200 sec.,

plus B & T.

Special Features: Built-in extinction type exposure meter coupled to lens diaphragm; full fecusing mount, with zone settings; hinged back.

Last List Price: \$19.50

Last Reported Used Selling Price Range in 1955: Not available.

Serial Numbers: 1,001 to 2,928

Special Identification Points: 1. "Model K" marked on front of camera; 2. Only 35mm Argus model with extinction type exposure meter coupled to lens diaphragm.

ARGUS MODEL C

IS

Introduced: 1938 Discontinued: 1939 Lens: 50mm, f/3.5 anastigmat.

Shutter: Behind-the-lens, 1/5 to 1/300

sec., plus B. Special Features: Built-in rangefinder (not coupled to focusing mount); body shutter release.

Last List Price: \$25

Last Reported Used Selling Price Range in 1955: \$12.50-\$20 Serial Numbers: 1,000 to 19,077

Special Identification Points: 1. Only C series Argus with uncoupled rangefinder; 2. Box-shape, with squared-off edges.

ARGUS MODEL C2 Introduced: 1938 Discontinued: 1942 Lens: 50mm, f/3.5 anastigmat.

Shutter: Behind-the-lens, 1/5 to 1/300 sec., plus B.

Special Features: Coupled rangefinder: other features same as Model C. Last List Price: \$25

Last Reported Used Selling Price Range in 1955: \$17.50-\$24 Serial Numbers: 19.077 to 91.945

Special Identification Points: Coupled rangefinder; 2. Box-shape, with squared-off edges.

ARGUS MODEL C3



Introduced: 1939 (Currently in production)

Lens: 50mm, f/3.5 Cintar. Note: Model C3 cameras made after July. 1946 come with coated Cintar lenses. Shutter: Behind-the-lens, 1/10 to

1/300 sec., plus B.

Special Features: Factory installed sync, incl. X delay; coupled rangefinder: threaded lens mount for interchanging lenses; body shutter release; color-coded exposure and distance settings (in latest model only).

Last List Price: with case and flash, \$66.50

Last Reported Used Selling Price Range in 1955: \$32.50-\$39

Serial Numbers: 0310001 to 03690326 (prewar) 10,699 to above 800,000 (current)

Special Identification Points: 1. First C model with interchangeable lens mount: 2. Factory installed sync; 3. Box-shape, with squared-off edges.

ARGUS MODEL 21



Introduced: 1947 Discontinued: 1952 Lens: Factory coated 50mm, f/3.5 Cintar.

Shutter: Behind-the-lens, 1/10 to 1/200 sec., plus B.

Special Features: Factory installed sync; double exposure prevention; gun-sight type viewfinder; full focusing mount: body shutter release: accessory shoe; removable lens, for use on enlarger.

Last List Price: \$59.50

Last Reported Used Selling Price Range in 1955: \$24-\$31.50 Serial Numbers: 19.218 to 64.785

Special Identification Points: 1. No. built-in rangefinder; 2. Removable f/3.5, instead of permanently mounted f/2.8 lens as in C4.

ARGUS MODEL C4

Introduced: 1951 (Currently in production)

Lens: Coated 50mm, f/2.8 Cintar.

Shutter: Behind-the-lens, 1/10 to 1/300 sec., plus B & T.

Special Features: Factory installed sync, including X delay; coupled rangefinder: all metal body: double exposure prevention; body shutter release; single eyepiece for viewfinder and rangefinder; color-coded exposure and distance settings (in latest model only).

Note: The Model C4 can be adapted for interchanging lenses; accessory

lenses are available.



Last List Price: \$84.50 Last Reported Used Selling Price Range in 1955: \$47-\$55 Serial Numbers: 230,000 to above

285,000

Special Identification Points: 1. Builtin rangefinder; 2. f/2.8 lens (in standard model).

ARGUS MODEL A-Four

Introduced: 1953 (Currently in production)

Lens: Coated 44mm, f/3.5 Cintar.

Shutter: 1/25 to 1/200 sec., plus B. Special Features: Factory installed sync; double exposure prevention; blank exposure prevention; full focusing mount; built-in depth of field scale; color-coded exposure and distance settings (in latest model only).



Last List Price: \$32.50

Last Reported Used Selling Price Range in 1955: \$16.50-\$22

Serial Numbers: None. Bears stamped date of manufacture.

Special Identification Points: 1. "Argus a-four" marked on front of camera body.

BOLSEY

Manufacturer: Bolsey Corp. of America, 118 E. 25th St., New York 10, N. Y.

Film Size: All models take up to 36 double frame (1 x 1½ in.) pictures on standard cartridge films.

BOLSEY MODEL B

Introduced: 1947 (Currently in production)

Lens: Factory coated 44mm, f/3.2. Shutter: Bolsey-Wollensak, 1/10 to 1/200 sec., plus B & T.



Special Features: Coupled rangefinder; focusing down to 2 ft.

Last List Price: \$58.50

Last Reported Used Selling Price Range in 1955: \$24.50-\$28.50

Special Identification Points: 1.
"Model B" marked on top of camera; 2. No factory installed sync; 3.
No double exposure prevention.

BOLSEY MODEL B SPECIAL



Introduced: 1950 Discontinued: 1954 Lens: Factory coated 44mm, f/3.2. Shutter: Bolsey-Wollensak, 1/10 to

1/200 sec., plus B & T.

Special Features: Removable lensshutter assembly for insertion of extension rings for close-ups. Other features same as Model B. Last List Price: \$71.25

Last Reported Used Selling Price Range in 1955: Not available.

Special Identification Points: 1.

"Model B Special" marked on front of camera, between view- and range-finder windows; 2. Only Bolsey model with removable lens-shutter assembly.

BOLSEY MODEL B2



Introduced: 1949 (Currently in production)

Lens: Factory coated 44mm, f/3.2. Shutter: Bolsey-Wollensak, 1/10 to

1/200 sec., plus B & T.

Special Features: Factory installed sync; double exposure prevention.

Other features same as Model B.

Last List Price: \$58.50

Last Reported Used Selling Price Range in 1955: \$24.50-\$38

Special Identification Points: 1.

"Model B2" marked on front of camera, between view- and range-finder windows; 2. Permanent, instead of removable, lens-shutter assembly.

BOLSEY MODEL B22



Introduced: 1953 Discontinued: 1955 Lens: Factory coated 44mm, f/3.2.

Shutter: Bolsey-Wollensak, 1/10 to 1/200 sec., plus B & T.

Special Features: Automatic diaphragm computer for flash; provision for deliberate double exposures. Other features same as Model B2.

Last List Price: \$69.50

Last Reported Used Selling Price Range in 1955: \$37.50-\$49

Special Identification Points: 1.

"Model B22 Set-O-Matic" marked on front of camera between viewand rangefinder windows; 2. Automatic diaphragm computer for flash.

BOLSEY JUBILEE

Introduced: 1955 (Currently in production)



Lens: Factory coated 45mm, f/2.8 Bolsey-Steinheil.

Shutter: Gauthier, 1/10 to 1/200 sec., plus B.

Special Features: Coupled, split-image rangefinder; factory installed MX sync; automatic diaphragm computer for flash and daylight; double exposure prevention; body shutter release; quick-focusing knob.

Last List Price: \$69.50

Last Reported Used Selling Price Range in 1955: Not available.

Special Identification Points: 1.
Body shutter release.

BOLSEY EXPLORER

Introduced: 1954 (Currently in production)

Lens: Factory coated 45mm, f/2.8 Steinheil Cassar.

Shutter: Gauthier, 1/25 to 1/200 sec.,

Special Features: Factory installed flash sync; double exposure prevention; rapid-wind lever which transports film, operates exposure counter, and cocks shutter in one motion; body shutter release; optical view-finder; built-in depth of field scale.

Last List Price: \$47.95 (including case

and flashgun).

Last Reported Used Selling Price
Range in 1955: Not available.

Special Identification Points: 1.

"Bolsey Explorer" marked on lens mount.



BOLSEY MODEL C Introduced: 1950 (Currently in production)



Lens: Factory coated 44mm, f/3.2. Shutter: Bolsey-Wollensak, 1/10 to 1/200 sec., plus B & T.

Special Features: Twin-lens reflex focusing plus coupled rangefinder; parallax correction indicator on ground glass finder; built-in magnifier: built-in depth of field scale; film speed indicator built into rewind knob. Other features same as Model B2.

Last List Price: \$89.50
Last Reported Used Selling Price Range in 1955: \$39-\$50

Special Identification Points: 1. "Model C Twin Lens Reflex" marked on front of reflex housing.

BOLSEY MODEL C22

Introduced: 1953 (Currently in production)

Lens: Factory coated 44mm, f/3.2. Shutter: Bolsey-Wollensak, 1/10 to 1/200 sec., plus B & T.



Special Features: Automatic diaphragm computer for flash. Other features same as Model C, but has no depth of field scale.

Last List Price: \$99.50

Last Reported Used Selling Price Range in 1955: \$58-\$67

Special Identification Points: 1, "Model C22 Set-O-Matic Twin Lens Reflex" marked on front of reflex housing; 2. Automatic diaphragm computer for flash.

CANON

Manufacturer: Canon Camera Co., Inc., Tokyo, Japan.

Importer: Canon Sales Co., Inc., 67 Wall St., New York 5, N. Y.

The listing below covers only those models brought in by the importers. Earlier models brought in through other channels may still be in circulation.

Film size: All models take up to 36 double frame (1 x 11/2 in.) pictures using standard cartridge films. They also accept special Canon cassettes for loading bulk film.

Lens: All models described below incorporate threaded lens mount (similar to Leica mount) for interchangeability of lenses. Standard lenses on older models were factory coated 50mm, f/3.5, f/2, or f/1.9 Serenar. Standard lenses on current models are factory coated 50mm, f/3.5, f/1.8 or f/1.5 Canon. Accessory lenses are available in focal lengths from 28 to 800mm.

Shutter: All models have cloth focal plane shutter.

CANON MODEL II-B



Introduced: 1948 Discontinued: 1950 Shutter Speeds: 1 to 1/500 sec., plus B. Special Features: Coupled coincidence type rangefinder; single eyepiece for range-viewfinder, with three degrees of magnification; film transport coupled to shutter winding; automatic exposure counter; body shutter release; accessory shoe; built-in depth of field scale.

Last List Price: Not available.

Last Reported Used Selling Price Range in 1955: With f/1.9 Serenar, \$109-\$137

Special Identification Points: 1. Top shutter speed of only 1/500 sec.; 2. No factory installed sync.

CANON MODEL III

This model is the same as Model II-B, but has top shutter speed of 1/1000 sec., plus B and T.

Introduced: 1950 Discontinued: 1952 Last List Price: Not available.

Last Reported Used Selling Price Range in 1955: Not available. Special Identification Points: 1. Top shutter speed of 1/1000 sec., instead of only 1/500, as in Model II-B; 2. No factory installed sync.

CANON MODEL IV

This model is the same as Model III. but has factory installed sync for FP



type bulbs. Also for M type bulbs in conjunction with special Canon flashgun.

Introduced: 1950 Discontinued: 1952 Last List Price: Not available.

Last Reported Used Selling Price Range in 1955: With f/1.8 Serenar. \$125-\$150

Special Identification Points: 1. Factory installed sync (rail on side of camera for attaching flash unit); 2. Film winding knob lacks film-type indicator.

CANON MODEL III-A

This model is similar to Model IV. but does not have factory installed sync. A film-speed indicator is built into the film-winding knob. Standard lens is 50mm, f/3.5 Serenar, or 50mm, f/1.8 Serenar (in rigid mount, with click stops).

Introduced: 1952 Discontinued: 1953 Last List Price: Not available.



Last Reported Used Selling Price Range in 1955: Not available. Special Identification Points: 1. Filmspeed indicator; 2. No factory installed sync.

CANON IV-S

This model is the same as Model IV, but has a film-speed indicator built into the film-winding knob. Standard



lens is 50mm, f/3.5 Serenar, or 50mm, f/1.8 Serenar (in rigid mount, with click stops).

Note: This camera was introduced briefly in the United States in 1952. Manufacture of the IV-S in Japan was discontinued in 1951.

Last List Price: Not available.

Last Reported Used Selling Price Range in 1955: With f/1.8 Serenar, \$139-\$149.

Special Identification Points: 1. Differentiated from Canon IV by having built-in film-type indicator; 2. No lock on slow speed dial; 3. No X-type sync, as in later Canon IV-S2.

CANON MODEL IV-S2

This model is the same as Model IV-S, but has additional X-type sync, as well as lock for the slow speed dial.

Introduced: 1952 (Currently in production)

Last List Price: With 50mm, f/1.8



Canon, \$284; with 50mm, f/1.5 Canon, \$327.

Last Reported Used Selling Price Range in 1955: With f/1.8 Serenar, \$139.50-\$179.

Special Identification Points: 1. Lock on slow speed dial; 2. Additional Xtype sync.

CANON MODEL II-D

This model is similar to Model III-A, but has top shutter speed of only 1/500 sec., instead of 1/1000 sec.

Introduced: 1952 (Currently in production)

Last List Price: With 50mm, f/3.5 Canon, \$166; with 50mm, f/1.8 Canon, \$230; with 50mm f/1.5 Canon, \$277.

Last Reported Used Selling Price Range in 1955; Not available. Special Identification Points: 1. Top shutter speed of only 1/500 sec.; 2. Built-in film-speed indicator; 3. No factory installed sync.

CANON MODEL ILF

This model is similar to Model IV-S2, but has top shutter speed of only 1/500, instead of 1/1000; flash sync. for high shutter speeds only.

Introduced: 1952 Discontinued: 1955 Last List Price: Not available.

Last Reported Used Selling Price Range in 1955: Not available.

Special Identification Points: 1. Top shutter speed of only 1/500 sec., instead of 1/1000, as in Model IV-S2; 2. Factory installed sync. for high shutter speeds only.

CANON MODEL II-S

This model is the same as Model IV-S2 in both quality and function except the model II-S has shutter speeds up to 1/500 sec.

Introduced: 1954 (Currently in pro-

Last List Price: With 50mm, f/1.8 Canon, \$264.

Last Reported Used Selling Price Range in 1955: Not available.

Special Identification Points: 1. Top shutter speed of only 1/500 sec., instead of 1/1000 as in Model IV-S2;
 2. Factory installed sync for high and slow speeds;
 3. Additional X-type sync;
 4. Film-speed indicator.

CONTAX

Manufacturer: Zeiss Ikon A. G., Stuttgart, Germany.

Importer: Carl Zeiss, Inc., 485 Fifth Ave., New York 17, N. Y.

Film Size: All models take up to 36 double frame (1 x 1½ in.) pictures on standard cartridge films. They also accept bulk load cassettes and daylight loading spools.

Lens: All models incorporate bayonet lens mounts for interchangeability of lenses. Standard lens is 50mm, f/3.5 Tessar or 50mm, f/2 or f/1.5 Sonnar. Focal lengths from 28 to 500mm are available.

Shutter: All models have metal focal plane shutter.

CONTAX MODEL I



Introduced: 1932 Discontinued: 1936 Shutter Speeds: 1/25 to 1/1000 sec., plus B. Note: Version introduced in 1934 had speeds down to ½ sec.

Special Features: Coupled long-base rangefinder; interchangeable lenses; built-in knurled wheel for focusing 50mm lenses from top of camera; detachable back; accepts plate back and full range of accessories; coupled film transport and shutter cocking (double and blank exposure prevention).

Last List Price: With 50mm, f/3.5 Tessar, \$135; with 50mm, f/2 Son-

nar, \$181.

Last Reported Used Selling Price Range in 1955: With f/2 Sonnar, \$65,\$90

Special Identification Points: 1. Made only in black enamel finish, with nickel trim; 2. Only Contax model with shutter setting—film winding knob located on front of camera; 3. Only Contax model with separate eyepieces for view- and rangefinder; 4. Fastest shutter speed is 1/1000.

CONTAX MODEL II

Introduced: 1936 Discontinued: 1940 Shutter Speeds: ½ to 1/1250 sec., plus B and self-timer.

Special Features: Combined eveniece



for view- and rangefinder; other features same as Model I.

Last List Price: With 50mm, f/3.5 Tessar, \$168; with f/2 Sonnar, \$210. Last Reported Used Selling Price Range in 1955: With f/2 Sonnar, \$85-\$125.

Special Identification Points: 1. Made only in chrome finish; 2. Combined eyepiece for view- and rangefinder; 3. Slow shutter speeds down to only ½ sec. instead of 1 sec. as in later Model IIa.

CONTAX MODEL IIa

Introduced: 1950 (Currently in production)

Shutter Speeds: 1 to 1/1250 sec., plus B and self-timer.

Special Features: Factory installed sync; film speed reminder dial combined with rewind knob. Other features same as Model II.

Note: 1954 version has MX sync. Last List Price: With factory coated 50mm, f/3.5 Tessar, \$241; with 50mm, f/2 Sonnar, \$336.



Last Reported Used Selling Price Range in 1955: With f/2 Sonnar, \$149.50-\$210.

Special Identification Points: 1. Factory installed sync; 2. Film speed reminder dial.

CONTAX MODEL III



Introduced: 1936 Discontinued: 1940 Shutter Speeds: ½ to 1/1250 sec., plus B and self-timer.

Special Features: Built-in photo-electric exposure meter calibrated in DIN or American Scheiner scales. Other features same as Model II.

Last List Price: With 50mm, f/3.5 Tessar, \$213; with f/2 Sonnar, \$255. Last Reported Used Selling Price Range in 1955: With f/2 Sonnar, \$99-125.

Special Identification Points: 1. Builtin exposure meter calibrated in DIN or American Scheiner scales.

CONTAX MODEL IIIa

Introduced: 1951 (Currently in production)

Shutter Speeds: 1 to 1/1250 sec., plus B and self-timer.

Special Features: Factory installed sync; built-in photo-electric exposure meter calibrated in ASA exposure indexes. Other features same as Model II.

Note: 1954 version has MX sync. Last List Price: With factory coated



50mm, f/3.5 Tessar, \$286; with 50mm, f/2 Sonnar, \$381.

Last Reported Used Selling Price Range in 1955: With f/2 Sennar, \$174.50-\$258.

Special Identification Points: 1. Builtin exposure meter has ASA calibrations; 2. Factory installed sync; 3. Add'l slow shutter speed of 1 sec.

IKONTA 35, CONTINA, AND CONTESSA

Manufacturer: Zeiss Ikon A. G., Stuttgart, Germany.

Importer: Carl Zeiss, Inc., 485 Fifth Ave., New York 17, N. Y.

Film Size: All models take up to 36 double frame (1 x 1½ in.) pictures using standard cartridge films.

IKONTA 35

Introduced: 1948 Discontinued: 1952 Lens: From 1948 to 1950, came only with 45mm, f/3.5 Novar lens; from 1950 to 1952, came with 45mm, f/3.5 Novar, 45mm, f/2.8 Schneider Xenar, or 45mm, f/2.8 Tessar. Latest versions had factory coated lenses.

Shutter: From 1948 to 1950, came only with Klio, 1 to 1/250 sec., plus B and self-timer; from 1950 to 1952, came with Prontor S (with Novar lens), 1 to 1/300 sec., plus B and self-timer; or Compur-Rapid (with Xenar or Tessar lens), 1 to 1/500 sec., plus B.

Special Features: Factory installed X-type sync (very early version had no sync); double and blank exposure prevention; optical-type viewfinder; setting for optional fixed focus use; built-in depth of field scale; automatic exposure counter; film-type indicator; accessory shoe (in all models except 1948-1950 version).

Last List Price: Not available.

Last Reported Used Selling Price

Range in 1955: With f/2.8 Tessar,

\$33-\$40.

Special Identification Points: 1. From 1948 to 1950, came only with Klio shutter; 2. Prontor S or Compur-Rapid shutter, instead of Prontor SV, SVS, or Synchro-Compur, as in later Contina models; 3. Earliest version had no sync.

CONTINA I

This model is the same as Ikonta 35, but came with factory coated 45mm, f/3.5 Novar in Prontor SV or SVS shutter, 1 to 1/300 sec., plus B and self-timer, or 45mm, f/2.8 Tessar in Synchro-Compur, 1 to 1/500, B.

Introduced: 1952 Discontinued: 1955 Special Features: Factory installed MX sync. Other features same as Ikonta 35.

Last List Price: With Tessar lens. \$60. Last Reported Used Selling Price



Range in 1955: With f/2.8 Tessar, \$34.\$42.

Special Identification Points: 1, Prontor SV, SVS, or Synchro-Compur shutter, instead of Prontor S or Compur-Rapid, as in Ikonta 35.

CONTINA II

This model is basically the same as Contina I, but has a built-in coincidence-type rangefinder which is not coupled to the lens. It comes with the same lens-shutter combinations as Contina I.

Introduced: 1952 Discontinued: 1955 Last List Price: With Novar lens in



Prontor SVS shutter, \$49; with Tessar lens in Synchro-Compur, \$63.

Last Reported Used Selling Price Range in 1955: With f/2.8 Tessar, \$38-\$44.

Special Identification Points: 1. Builtin, uncoupled rangefinder.

CONTINA Ia



Introduced: 1955 (Currently in production)

Lens: Factory coated 45mm, f/3.5 Novar.

Shutter: Prontor SVS, 1 to 1/300 sec., plus B and self-timer.

Special Features: Factory installed

MX sync; rapid film advance lever; body shutter release; coupled film transport and shutter cocking; optical-type viewfinder; setting for optional fixed focus use; built-in depth of field scale; automatic exposure counter; film-type indicator; accessory shoe.

Last List Price: \$54

Last Reported Used Selling Price Range in 1955: Not available.

Special Identification Points: 1. Rigid lens assembly, instead of bellows, as in Ikonta 35 and Contina I; 2. No built-in exposure meter, as in Contina IIa.

CONTINA Ha

This model is the same as Contina Ia, but has a built-in photo-electric exposure meter and comes with either factory coated 45mm, f/3.5 Novar, or 45mm, f/2.8 Novicar lens, in



Prontor SVS shutter, 1 to 1/300 sec., plus B and self-timer.

Introduced: 1955 (Currently in production)

Last List Price: With Novar lens, \$75; with Novicar. \$86

Last Reported Used Selling Price Range in 1955: Not available.

Special Identification Points: 1. Builtin exposure meter.

CONTESSA 35

Introduced: 1950 Discontinued: 1955 Lens: Factory coated 45mm, f/2.8 Tessar.

Shutter: Early version had Compur-Rapid, 1 to 1/500 sec., plus B; version introduced in 1953 had Syn-



chro-Compur, with same speeds.

Special Features: Factory installed MX sync (earliest version had only X-type sync); coupled coincidence type rangefinder; single eyepiece for range-viewfinder; built-in photoelectric exposure meter; film-type indicator; double and blank exposure prevention; built-in depth of field scale; automatic exposure counter; accessory shoe; setting for optional fixed focus use.

Last List Price: With Synchro-Compur shutter, \$142

Last Reported Used Selling Price Range in 1955: With f/2.8 Tessar, \$65-\$97.50

Special Identification Points: 1. Combined range-viewfinder; 2. Rangefinder coupled to lens.

KODAK RETINA AND RETINETTE

Manufacturer: Kodak A. G., Stuttgart, Germany.

Importer: Eastman Kodak Co., Rochester, N. Y.

Film Size: All models take up to 36 double frame (1 x 1½ in.) pictures on standard cartridge films.

Lens: Lenses have 3, 4, or 6 elements, depending on camera model. All models except Retina IIIC have fixed mount (unremovable) lenses; Retina IIIC has front component interchangeable with accessory wideangle and telephoto components.

Shutter: All models have between-thelens shutters.

Note: The following listing covers only models imported by Eastman Kodak. All cameras imported after 1948 have the letters "EK" preceding the serial number.

KODAK RETINA (1934 model) Introduced: 1934: Discontinued: May, 1937

Lens: 50mm, f/3.5 Schneider Xenar. Shutter: Compur, 1 to 1/300 sec., plus

Special Features: Self-erecting bed; finger and plunger shutter releases; lever operated focusing mount; duplicate focus and diaphragm scales for horizontal and vertical pictures; optical eye-level viewfinder; built-in depth of field scale; automatic exposure counter; film-lock release; hinged back; tripod socket.

Last List Price: \$52.50

Last Reported Used Selling Price
Range in 1955: Not available.

Special Identification Points: 1. Top shutter speed of only 1/300 sec., instead of 1/500 as in later models; 2. Made only in black finish with nickel trim.

KODAK RETINA (1935 model)

Introduced: February, 1935 Discontinued: May, 1937

Lens: 50mm, f/3.5 Schneider Xenar. Shutter: Compur-Rapid, 1 to 1/500 sec., plus B & T.

Special Features: Same as 1934 model, except for shutter.



Last List Price: \$57.50 Last Reported Used Selling Price Range in 1955: \$18-\$30

Special Identification Points: 1. Top shutter speed of 1/500 sec., instead of 1/300 as in 1934 model; 2. Filmadvance release on top of camera; 3. Made only in black finish with nickel trim.

KODAK RETINA (1936 model) Introduced: December, 1936 Discontinued: May, 1937

Lens: 50mm, f/3.5 Schneider Xenar.
Shutter: Compur-Rapid, 1 to 1/500 sec., plus B & T.

Special Features: Accessory shoe. Other features same as 1935 model.

Last List Price: \$57.50

Last Reported Used Selling Price Range in 1955: \$18-\$30

Special Identification Points: 1. Filmadvance release on back of camera, instead of on top as in earlier models; 2. Accessory shoe; 3. Made only in black finish with nickel trim.

KODAK RETINA I (1937 model)

Introduced: 1937 Discontinued: 1938 Lens: 50mm, f/3.5 Kodak Anastigmat Ektar.

Shutter: Compur-Rapid, 1 to 1/500 sec., plus B & T.



Special Features: Satin-chrome finish. Other features same as Retina, 1936 model, except for lens.

Last List Price: \$57.50

Last Reported Used Selling Price Range in 1955: \$18-\$32

Special Identification Points: 1. Differentiated from previous Retina models by having Ektar, instead of Xenar lens: 2. Made only with satinchrome finish: 3. Differentiated from later Retina I, 1939 model, by having both B & T shutter settings, instead of only B.

KODAK RETINA I (1939 model)

Introduced: September, 1939 Discontinued: June, 1940.

Lens: 50mm, f/3.5 Kodak Ektar. Shutter: Compur-Rapid, 1 to 1/500

sec., plus B.

Special Features: Body shutter release: double exposure prevention. Other features same as Retina I, 1937 model.

Last List Price: \$48.50

Last Reported Used Selling Price Range in 1955: \$22.50-\$35

Special Identification Points: 1. No T shutter setting: 2. Body shutter release; 3. Differentiated from later Retina I, 1948 model, by having Ektar, instead of Xenar lens; 4. Accessory shoe.

KODAK RETINA I (1948 model)

Introduced: October, 1948 Discontinued: January, 1951

Lens: Factory coated 50mm, f/3.5 Schneider Xenar.

Shutter: Compur-Rapid, 1 to 1/500 sec., plus B.

Special Features: Coated lens. Other features same as Retina I, 1939 model, but had no accessory shoe.

Last List Price: \$72.75 Last Reported Used Selling Price Range in 1955: \$43-\$50

Special Identification Points: 1. Differentiated from previous Retina I, 1939 model, by having Xenar instead of Ektar lens; 2. No accessory shoe.

KODAK RETINETTE

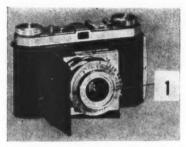
Introduced: June, 1952 Discontinued:

May, 1954 Lens: Factory coated 50mm, f/4.5 Schneider Reomar.

Shutter: Prontor SV, 1 to 1/300 sec., plus B and self-timer.

Special Features: Factory installed MX flash sync; self-timer; hinged back; double exposure prevention; body shutter release; automatic exposure counter; built-in depth of field scale; enclosed optical viewfinder; accessory shoe; satin chrome

Last List Price: \$56.25



Last Reported Used Selling Price Range in 1955: \$27.50-\$37 Special Identification Points: 1. Schneider Reomar lens.

KODAK RETINA II (1937 model)

Introduced: November, 1937 Discontinued: Model with f/2.8 lens. February, 1939; model with f/2 lens, June. 1940

Lens: 50mm, f/2.8 or f/2 Schneider Xenon.

Shutter: Compur-Rapid, 1 to 1/500 sec., plus B.

Special Features: Coupled coincidence-type rangefinder; double exposure prevention; body shutter release: enclosed optical viewfinder: automatic exposure counter: built-



in depth of field scale; satin chrome

Last List Price: With field case: with f/2.8 lens. \$115; with f/2 lens, \$120 Last Reported Used Selling Price

Range in 1955: With f/2 Xenon, \$50-\$74

Special Identification Points: 1. First model with coupled rangefinder; 2. Separate windows for view- and rangefinder.

KODAK RETINA II (1948 model)



Introduced: October, 1948 tinued: September, 1950

Lens: Factory coated 50mm, f/2 Schneider Retina-Xenon.

Shutter: Compur-Rapid, 1 to 1/500 sec., plus B.

Special Features: Combined window for view- and rangefinder: accessory shoe. Other features same as Retina II. 1937 model, but had coated lens. Last List Price: \$197.75

Last Reported Used Selling Price Range in 1955: \$50-\$79

Special Identification Points: 1. Combined, instead of separate, windows for view- and rangefinder; 2. No onestroke film advance lever: 3. No factory installed flash sync.

KODAK RETINA HA



Introduced: August, 1951 Discontinued: January, 1955

Lens: Factory coated 50mm, f/2 Schneider Retina-Xenon.

Shutter: Synchro-Compur, 1 to 1/500

sec., plus B. Special Features: Factory installed MX flash sync; one-stroke film advance lever; film-speed indicator. Other features same as Retina II,

1948 model. Last List Price: \$127.50

Last Reported Used Selling Price Range in 1955: \$79-\$90

Special Identification Points: 1. Factory installed MX flash sync; 2. No built-in photo-electric exposure meter; 3. Film advance lever on top. instead of bottom of camera.

KODAK RETINA IIC

Introduced: March, 1955 (Currently in production)

Lens: Factory coated 50mm, f/2.8 Schneider Retina-Xenon C; front component is interchangeable with accessory wide-angle or telephoto component.

Shutter: Synchro-Compur, 1 to 1/500 sec., plus B and self-timer.

Special Features: Shutter incorporates Light Value Scale cross-coupled to lens diaphragm (as shutter speeds are changed, lens opening changes correspondingly, thus keeping relative exposures constant); viewfinder with projected-field frame and paral-



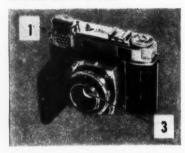
lax correction. Other features same as Retina IIA.

Last List Price: \$135

Last Reported Used Selling Price Range in 1955: Not available.

Special Identification Points: 1. Differentiated from Retina IIA by having film advance lever on bottom instead of top of camera; 2. Interchangeable front lens component; 3. No built-in exposure meter as in Retina IIIC.

KODAK RETINA IIIC



Introduced: November 22, 1954 (Currently in production)

Lens: Factory coated 50mm, f/2 Schneider Retina-Xenon-C; front component is interchangeable with accessory wide-angle or telephoto component.

Shutter: Synchro-Compur, 1 to 1/500 sec., plus B and self-timer.

Special Features: Shutter incorporates
Light Value Scale cross-coupled to
lens diaphragm (as shutter speeds
are changed, lens opening changes
correspondingly, thus keeping relative exposures constant); built-in
photo-electric exposure meter providing direct Light Value Scale readings as well as conventional readings; viewfinder with projected-field
frame and parallax correction. Other
features same as Retina IIA:

Last List Price: \$185 Last Reported Used Selling Price Range in 1955: Not available.

Special Identification Points: 1. Builtin photo-electric exposure meter; 2. Film advance lever on bottom, instead of top of camera as in Retina IIA; 3. Interchangeable front lens component.

LEICA

Manufacturer: Ernst Leitz, GMBH, Wetzlar, Germany

Importer: E. Leitz, Inc., 468 Fourth Ave., New York 16, N. Y.

Film Size: All models except Models 250 and "72" take up to 36 double frame (1 x 1½ in.) pictures on standard cartridge films. They also accept special Leica cassettes for loading bulk film. Model 250 uses special magazines and takes up to 250 double frame pictures; Model "72" takes up to 72 single frame (¾ x 1 in.) pictures on standard cartridges and also accepts Leica cassettes.

Lens: All models except Models A, B, and M-3 incorporate threaded lens mounts for interchangeability of lenses (Leica M-3 uses bayonet mount). Standard lens on older models was 50mm, f/3.5 Elmar; f/2 Summar; or f/2 Summitar. Standard lens on latest models is factory coated 50mm, f/3.5 Elmar, or f/2 Summicron. Focal lengths from 28 to 400mm are available.

Shutter: All models except Model B have rubberized cloth focal plane shutter. Model B had Compur between-the-lens shutter.

Quick Identification Points: Leica models without built-in rangefinder: A. B. C. Standard, Ic. and If.

Leica models with coupled rangefinder but without front slow shutter-speed dial: II, IIc, IIf.

Leica models with coupled rangefinder and front slow shutter-speed dial: III, IIIa, IIIb, IIIc, IIIf.

Leica models with factory installed sync and built-in film speed indicator: If, III, IIII.

Leica model with bayonet lensmount: M-3.

Note: Models A, B, and C came only in black enamel finish. Models Standard, II, and III came in either black enamel or chrome finish. Model IIIa and all subsequent models came only in chrome finish.

Note: Models Ic, Iİc, IIIc, If, IIf, and IIIf measure 5% in. in length. Models A, B, C, Standard, II, III, IIIa and IIIb measure 5¼ in. and accessories which fit their base plates do not fit the later models.

LEICA MODEL A



Introduced: 1924 Discontinued: 1930 Lens: 50mm, f/3.5 Elmar.

Shutter Speeds: 1/20 to 1/500 sec., plus B.

Special Features: Film transport coupled with shutter winding; double and blank exposure prevention; accessory shoe; automatic exposure counter.

Last List Price: With 50mm, f/3.5 Elmar, \$75.

Last Reported Used Selling Price Range in 1955: \$19-\$34 Serial Numbers: Below 54,000

Special Identification Points: 1. Permanently fixed lens mount; 2. No provision for cable release; 3. Made only with black enamel finish; 4. Spring infinity stop located at base of focusing mount; 5. No built-in rangefinder.

Note: Leica Model B is similar to



Model A, but has a Compur instead of focal plane shutter (see illustration above). Only a few were made.

LEICA MODEL C (Model I)

Introduced: 1930 Discontinued: 1933 Shutter Speeds: 1/20 to 1/500 sec., plus B.

Special Features: Interchangeability of lenses (earliest version required special fitting of interchangeable lenses; beginning in March, 1931, from serial number 60,500 onwards,



letter O was engraved on lens flange to indicate that no special fitting was required); provision for using cable release. Other features same as Model A.

Last List Price: With 50mm, f/3.5 Elmar, \$66.

Last Reported Used Selling Price Range in 1955: With f/3,5 Elmar, \$32-\$46

Serial Numbers: Above 54,000 and below 100.000.

Special Identification Points: 1. Provision for interchanging lenses: 2.

Made only with black enamel finish; 3. Rewind knob does not pull up; 4. No built-in rangefinder.

Note: Illustration shows Model C with separate Fokos rangefinder attached. Longer, vertically mounted Fodis rangefinder was originally supplied with the camera.

LEICA STANDARD MODEL (Model E)



Introduced: 1933 Discontinued: 1940 Shutter Speeds: 1/20 to 1/500 sec., plus B.

Special Features: Rewind knob pulls up for easier rewinding. Other features same as Model C.

Last List Price: With 50mm, f/3.5 Elmar; black enamel finish, \$128; chrome, \$134.80.

Last Reported Used Selling Price Range in 1955: With f/3.5 Elmar, \$39-\$52

Serial Numbers: Above 100,000 and below 360,000.

Special Identification Points: 1. Pullup rewind knob; 2. No built-in rangefinder.

LEICA MODEL Ic

Introduced: 1949 Discontinued: 1952 Shutter Speeds: 1/30 to 1/500 sec., plus B.

Special Features: Additional accessory shoe for detachable viewfinder; roller bearings in shutter; exposure counter moves by one division, instead of making complete revolution. Other features same as Standard model.

Last List Price: With 50mm, f/3.5 Elmar, \$136.

Last Reported Used Selling Price Range in 1955: With f/3.5 Elmar, \$60-\$87

Serial Numbers: Above 455,000 and below 562,000.

Special Identification Points: 1. Body measures 53% in. in length, instead of 51/4 in. as in Standard model; 2. Shutter speeds start at 1/30, instead



of 1/20 sec. as in Standard; 3. No factory installed sync or film speed indicator dial; 4. No built-in range-finder.

LEICA MODEL IF

Introduced: 1952 (Currently in production)

Shutter Speeds: 1/25 or 1/30 sec. (see note under "shutter" in IIIf section), plus B.

Special Features: Factory installed sync for regular and electronic flash; synchro-selector dial for adjusting flash delay; film-speed indicator built into winding knob. Other features same as Standard model.

Last List Price: With factory coated 50mm, f/3.5 Elmar, and viewfinder,

Last Reported Used Selling Price



Range in 1955: With f/3.5 Elmar, \$90-\$122

Serial Numbers: Above 562,000.

Special Identification Points: 1. Factory installed sync and built-in film-speed indicator; 2. No built-in rangefinder.

LEICA MODEL II (Model D)

Introduced: 1932 Discontinued: 1940 Shutter Speeds: 1/20 to 1/500 sec., plus B.

Special Features: Coupled rangefinder. Other features same as Standard model.

Last List Price: With 50mm, f/3.5 Elmar; black enamel finish, \$196.80;



chrome, \$203.20

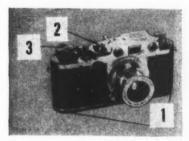
Last Reported Used Selling Price Range in 1955: With f/3.5 Elmar, \$52.50-\$75

Serial Numbers: Above 71,500 and below 360,000.

Special Identification Points: 1. Coupled rangefinder; 2. No front slow shutter-speed dial; 3. No lever for adjusting rangefinder as in Model III.

LEICA MODEL IIe

Introduced: 1949 Discontinued: 1951 Shutter Speeds: 1/30 to 1/500, B.



Special Features: Coupled rangefinder. Other features same as Model Ic.

Last List Price: With 50mm, f/3.5 Elmar. \$210

Last Reported Used Selling Price Range in 1955: With f/3.5 Elmar, \$79.50-\$115

Serial Numbers: Above 440,000 and below 451,000

Special Identification Points: 1. Body measures 5% in. in length, instead of 5¼ in. as in Model II; 2. Shutter speeds start at 1/30, instead of 1/20 sec. as in II; 3. No factory installed sync or film-speed indicator dial as in IIf.

LECIA MODEL III

Introduced: 1951 (Currently in production)

Shutter Speeds: 1/30 or 1/25 to 1/500 sec. (see note under "shutter"



in IIIf section) plus B. Current version has speeds up to 1/1000 sec.

Special Features: Coupled rangefinder. Other features same as Model If. Last List Price: With following factory coated lenses: 50mm, f/3.5 Elmar,

\$289; f/2 Summicron, \$276. Last Reported Used Selling Price Range in 1955: With f/3.5 Elmar, \$100.\$135

\$177; f/2 Summitar (discontinued),

Serial Numbers: Above 451,000
Special Identification Points: 1. Factory installed sync and built-in film-speed indicator.

LEICA MODEL III (Model F)

Introduced: 1933 Discontinued: 1940 Shutter Speeds: 1 to 1/500 sec., plus B & T.

Special Features: Separate front slow shutter-speed dial for additional slow shutter speeds down to 1 sec.; 1.5x magnifier built into rangefinder eyepiece; lever for adjusting rangefinder. Otherwise similar to Model II.



Last List Price: With 50mm, f/2 Summitar: black enamel finish, \$313; chrome. \$320

Last Reported Used Selling Price Range in 1955: With f/3.5 Elmar, \$60-\$99

Serial Numbers: Above 109,000 and below 360,000

Special Identification Points: 1. Front slow shutter-speed dial with settings from 1/20 down to 1 sec.; 2. Top shutter speed is only 1/500 sec.

LEICA MODEL IIIa (Model G)

Introduced: 1935 Discontinued: 1938 Shutter Speeds: 1 to 1/1000, B & T. Special Features: Additional top shutter speed of 1/1000 sec. Other fea-

tures same as Model III. Last List Price: With 50mm, f/2 Sum-

mar, \$192 Last Reported Used Selling Price Range in 1955: With f/2 Summar, \$64.800

Serial Numbers: Above 156,201 and below 240.016



Special Identification Points: 1. Top shutter speed of 1/1000 sec.; 2. Rangefinder adjusting lever is located on rangefinder eyepiece instead of at base of rewind knob as in IIIb.

LEICA MODEL "72"

Introduced: October, 1954 (Currently in production)

Film Size: Up to 72 single frame (34 x 1 in.) pictures on standard 35mm



cartridge film (also accepts Leica cassettes).

Note: This model has the same proportions and features (except for the single frame picture format) as the Leica Model IIIa, plus the following IIIf features: Factory installed sync for regular and electronic flash; synchro-selector dial for adjusting flash delay; film-type indicator built into winding knob.

Last List Price: Less lens, \$189; with 50mm, f/3.5 Elmar lens, \$246

Last Reported Used Selling Price Range in 1955: Not available.

Serial Numbers: Above 357,301 and below 357,500

Special Identification Points: 1. Measures 51/4 in. in length; 2. Factory installed sync (synchro-selector dial can easily be seen); 3. Only Leica which takes single frame pictures.

LEICA—MODEL IIIb (Model G, 1938)



Introduced: 1938 Discontinued: 1940 Shutter Speeds: 1 to 1/1000, B & T.

Special Features: Viewfinder and rangefinder eyepieces placed close together. Other features same as Model IIIa.

Last List Price: With 50mm, f/2 Summitar, \$332.80

Last Reported Used Selling Price Range in 1955: With f/2 Summitar, \$110-\$152

Serial Numbers: Above 240,017 and below 360,000

Special Identification Points: 1.
Rangefinder adjusting lever is located at base of rewind knob; 2.
Viewfinder and rangefinder eyepieces are closer together than on Model IIIa.

LEICA MODEL IIIe

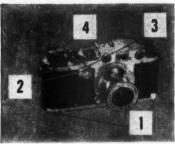
Introduced: 1940 Discontinued: 1950 Shutter Speeds: 1 to 1/1000 sec., plus R & T

Special Features: Roller bearings in shutter; improved exposure counter (moves by one division, instead of making complete revolution, when winding film). Other features same as Model IIIb.

Last List Price: With 50mm, f/2 Summitar, \$385

Last Reported Used Selling Price Range in 1955: With f/2 Summitar, \$124-\$159

Serial Numbers: Above 360,000 and below 525,000



Special Identification Points: 1. Body measures 5% in. in length, instead of 5¼ in., as in previous models; 2. Front slow speed dial markings start at 1/30 instead of 1/20 sec. as in IIIb; 3. Version made before 1949, with serial number below 380,000, had no locking stud on slow speed dial; later version, made after 1949, was supplied with locking stud; 4. No factory installed sync; no built-in film-speed indicator.

LEICA MODEL IIIf (1950 Version)

Introduced: 1950 Discontinued: 1954 Shutter Speeds: 1 to 1/1000 sec., plus B & T. Note: Initial production of f series Leica cameras (with synchro dials engraved in black) had same series of shutter speeds as corresponding C series models: fast speeds: 1/30, 1/40, 1/60, 1/100 sec., etc.; slow speeds: 1/30, 1/20, 1/15, 1/10, 1/4, 1/2, and 1 sec. Current f series cameras (with synchro dials engraved in red) have following shutter speeds: fast speeds: 1/25, 1/50, 1/75, 1/100 sec., etc.; slow speeds: 1/25, 1/15, 1/10, 1/5, 1/2, and 1 sec.

Special Features: Factory installed sync for regular and electronic flash; synchro-selector dial for ad-



justing flash delay; film-speed indicator built into winding knob. Other features same as Model IIIc.

Last List Price: With following factory coated lenses: 50mm, f/3.5 Elmar, \$237; f/2 Summitar, \$369; f/2 Summicron. \$336

Last Reported Used Selling Price Range in 1955: With f/3.5 Elmar, \$149-\$190; with f/2 Summicron, \$195-\$250

Serial Numbers: Above 525,000
Special Identification Points: 1. Factory installed sync; 2. Built-in film speed indicator.

LEICA MODEL IIIf (Latest Version)

Introduced: May, 1954 (Currently in production)

Note: This model is exactly like the immediately preceding IIIf, except that it has a built-in self-timer.

Last List Price: With factory coated 50mm, f/3.5 Elmar lens, \$237; with 50mm, f/2 Summicron, \$336

Last Reported Used Selling Price Range in 1955: Not available. Serial Numbers: Above 685,000



Special Identification Points: 1. Selftimer on front of camera, next to slow-speed dial.

LEICA MODEL M3

Introduced: April, 1954 (Currently in production)

Note: The M3 is a completely new camera, and bears little resemblance to other Leica models. It measures 3 in. high, 5 14/16 in. long, and 1½ in. deep.

Film Size: Same as other Leica models.

Lens: Interchangeable; bayonet mount (owners of earlier model Leicas can have their thread-mount lenses equipped with bayonet adapters for use in the new M3 camera).

Standard lenses are 50mm, f/3.5 Elmar M; 50mm, f/2 Summicron M; or 50mm, f/1.5 Summarit M, all with click stops. Accessory lenses: 35mm, f/3.5 Summaron M, 90mm, f/4 Elmar M (in either rigid or collapsible mount), 135mm, f/4.5 Hektor.

Shutter: Focal plane, 1 to 1/1000 sec., plus B and self-timer. Speeds can be set on the single dial before or after shutter winding.

Special Features: Coupled rangefinder



with single window for range-viewfinder: automatic parallax adjustment: large viewfinder image: builtin field-of-view for 50mm, 90mm and 135mm lenses (frames for 90mm and 135mm lenses automatically anpear when lenses of corresponding focal length are installed in camera); exposure counter which resets automatically when camera is loaded; single shutter-speed dial to which accessory M3 photo-electric exposure meter automatically couples: factory installed sync with separate outlets for regular and electronic flash (delay for different shutter speeds is now set automatically as speed dial is rotated to proper speed); removable hinged back with improved pressure plate and film channel guides; film-type indicator on camera back: double and blank exposure prevention; film transport coupled with shutter winding: rapid-film-advance lever: accessory shoe; self-timer.

Last List Price: With 50mm, f/3.5 Elmar M, \$348; with 50mm, f/2 Summicron M, \$447; with 50mm, f/1.5 Summarit M, \$468

Last Reported Used Selling Price Range in 1955: Not available. Serial Numbers: Above 700.001

Special Identification Points: 1.
Rapid-film-advance lever; 2. Lever for selecting film "advance" or "rewind" situated on front of camera; 3. Bayonet lens mount; 4. Combined rangefinder-viewfinder window; 5. Single shutter-speed dial.

LEICA MODEL 250 (Model FF)



Introduced: 1934 Discontinued: 1940 Shutter Speeds: 1 to 1/500 sec., plus B & T.

Special Features: Accepts special magazines for taking up to 250 double frame pictures. Other features same as Model III.

Last List Price: With 50mm, f/3.5 Elmar, \$355.20

Last Reported Used Selling Price Range in 1955: With f/3.5 Elmar, \$180-\$210

Serial Numbers: Above 130,000 and below 360,000

Special Identification Points: 1. Extra large dimensions to accommodate 250-exposure magazines.

NIKON

Manufacturer: Nippon Kogaku K.K., Tokyo, Japan.

Importer: Nikon Incorporated, 277 Fifth Ave., New York 16, N. Y.

Film Size: All models take up to 36 double frame (1 x 1½ in.) pictures in standard cartridges. They also accept cassettes.

Lens: All models incorporate bayonet lens mounts for interchangeability of lenses; all factory coated; standard lens is 50mm f/2 Nikkor or 50mm f/1.4 Nikkor. Focal lengths from 25mm to 500mm are available. Shutter: Cloth focal plane shutter.

NIKON MODEL "S"



Introduced: 1946 Discontinued: 1954
Shutter Speeds: 1 to ½500 sec. plus
B and time.

Special Features: Coupled long base rangefinder; single, dual purpose eye piece for viewing and focusing; finger tip wheel for focusing 50mm lenses from top of camera; full opening back; interchangeable lenses; coupled film transport and shutter cocking; double exposure prevention; accepts full range of accessories; built-in flash sync for all speeds; automatic exposure counter.

Last List Price: With factory coated 50mm f/2 Nikkor, \$269; with factory coated 50mm f/1.4 Nikkor, \$200 50

Last Reported Used Selling Price Range in 1955: With f/2 Nikkor, \$135-\$164

Special Identification Points: 1.

Double prong synchro outlet, marked for strobe and for flash bulbs; 2. Top shutter speed 1/500; 3. Camera back has two locking lugs.

NIKON MODEL "S2"

Introduced: 1955 Current Model Shutter Speeds: 1 to 1/1000, B & T.

Special Features: 1 to 1 life size image in rangefinder/viewfinder; single stroke lever for rapid film transport advances film and sets shutter for next exposure; high speed film rewind lever, folds and rests flush in rewind knob; positive syncho selector for sync of any



flash and for all shutter speeds to 1/1000 sec. Speedlights sync at 1/50 sec., shutter speed can be set before or after film is wound.

Last List Price: With factory coated 50mm f/2 Nikkor, \$299.50; with factory coated 50mm f/1.4 Nikkor, \$345.

Last Reported Used Selling Price Range in 1955: Not available.

Special Identification Points: 1. Single stroke film rewind and shutter cocking lever; 2. High speed film rewind lever which folds and sets flush in rewind knob; 3. Life size 1 to 1 finder image; 4. Two sync outlets; 5. ASA film indicator and single back lock.

ROBOT

Manufacturer: Robot-Berning & Co., Dusseldorf, Germany.

Importer: Intercontinental Marketing Corp., 251 Fourth Ave., New York 10, N. Y.

Film Size: All models take 24 x 24mm (1 x 1 in.) pictures on 35mm film. Earlier models accept only special Robot loading and take-up cassettes (for up to 50 exposures) later models accept standard 35mm cartridge films (for 55 exposures).

Lens: All models incorporate threaded lens mounts for interchangeability of lenses (Robot Royal has clip-in thread; lenses which fit this model do not fit the other versions). Various lens manufacturers, including Hugo Meyer, Schneider, and Carl Zeiss, have supplied lenses for the Robot; focal lengths range from 30mm to 150mm (200mm for Robot Royal).

Shutter: All models have rotary-blade, behind-lens, rapid sequence shutter.



ROBOT I

Shutter Speeds: 1 to 1/500 plus T. Special Features: Built-in spring motor for transporting film, winding shutter, and operating exposure counter simultaneously; 24 pictures on one winding; zone focusing system; movable finder for direct and right-angle viewing; built-in yellow-green filter; lock for preventing accidental shutter release (in late version only). Note: Model I accepts darkroom-loading special Ro-

Introduced: 1934 Discontinued: 1938

bot cassettes only. Two cassettes are used; the take-up cassette can be removed at any time for processing a partly exposed roll. Film cannot be rewound back into the film-loading cassette.

Last List Price: With 30mm, f/3.5 Meyer Primotar, \$109; with 32.5mm, f/2.8 Zeiss Tessar, \$139

Last Reported Used Selling Price Range in 1955: With f/2 Tessar,

Special Identification Points: 1. Only Robot model with slow shutter speed of 1 sec.; 2. No built-in sync; 3. Swiveling viewfinder; 4. Exposure counter calibrated from 1 to 24 (repeats itself for exposures 25 to 50).

ROBOT II

Introduced: 1938 Discontinued: 1950 Shutter Speeds: ½ to 1/500, plus B. Special Features: Adjustable viewer for direct or right-angle viewing (not movable, as in Model I); safety catch for shutter release; factory installed flash sync; uses Robot cassettes which can be loaded with



daylight-loading refills; exposure counter is part of camera body and is calibrated from 1 to 55. Other features same as Model I, but does not have built-in filter. Note: This model was available with double-spring for 48 pictures on 1 winding.

Last List Price: With 30mm, f/3.5 Zeiss Tessar, \$129; with 32.5mm, f/2.8 Tessar, \$144; with 40mm, f/2 Zeiss Biotar, \$184. Note: Above cameras with double-spring motor sold for \$28 extra.

Last Reported Used Selling Price Range in 1955: With f/2 Biotar, \$52-\$85

Special Identification Points: 1. Slow

shutter speeds down to only ½, instead of 1 sec. as on Model I; 2. Single flash contact on front of camera.

LW ROBOT

Note: This model is very similar to Model II, but came only in black enamel finish. It was supplied only with a double-spring motor for 48 pictures on one winding. Made for the German Air Force, only a limited number reached the market.

Introduced: 1940 Discontinued: 1945 Last List Price: Not available.

Last Reported Used Selling Price Range in 1955: With f/2 Xenon, \$44-69

Special Identification Points: 1. Came only in black finish; 2. "LW" pre-



cedes serial number, which is located inside camera body; 3. Extra long spring-motor housing.

ROBOT Ha

Note: This version was marketed in the U.S.A. by Burleigh Brooks, Inc. Introduced in 1951, it was taken off the American market in 1953, but is currently in production in Germany. Shutter Speeds: ½ to 1/500, B.

Special Features: Factory installed MX sync; accepts standard 35mm cartridges as well as special Robot cassettes; accessory shoe. Other features same as Model II. Note: Model IIa was available with double-spring motor for 48 pictures on 1 winding. Last List Price: With 37.5mm, f/2.8



40mm, f/1.9 Schneider Xenon, \$209.50

Last Reported Used Selling Price Range in 1955: With f/1.9 Xenon,

Special Identification Points: 1. Double flash contacts on front of camera; 2. No rewind handle.

ROBOT JUNIOR

Note: This is basically the same camera as Robot IIa, but does not have adjustment for right-angle viewing.



Introduced: 1955 (Currently in pro-

Last List Price: With 40mm, f/3.5 Schneider Radionar, \$93.06; with 38mm, f/2.8 Schneider Xenar, \$115.15; with 40mm, f/1.9 Schneider Xenon, \$140.07.

Last Reported Used Selling Price Range in 1955: Not available.

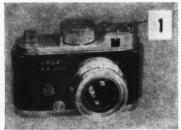
Special Identification Points: 1. Robot Junior nameplate; 2. No adjustment for right-angle viewing; 3. No rewind handles.

ROBOT STAR

Introduced: 1952 (Currently in production)

Shutter Speeds: ½ to 1/500, B.

Special Features: Accepts standard 35mm cartridges (does not take special Robot loading cassette, but does



accept take-up cassette); rewind handle for rewinding film back into cartridge. Other features same as Model IIa. Note: This model is available with double-spring motor for 48 pictures on one winding.

Last List Price: With 30mm, f/3.5 Schneider Xenagon, \$241; with 38mm, f/2.8 Xenar, \$217.50; with 40mm, f/1.9 Xenon, \$249.50.

Last Reported Used Selling Price Range in 1955: With f/2 Biotar, \$110-\$135.

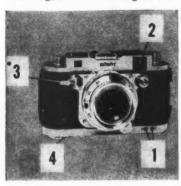
Special Identification Points: 1. Rewind handle.

ROBOT ROYAL

Note: This model's proportions and design differ considerably from those of previous models. It embodies several new features, including a coupled rangefinder. Introduced: 1953 (Currently in production)

Lens: Standard lenses are 30mm, f/3.5 Schneider Xenagon; 38mm f/2.8 Xenar; or 40mm, f/1.9 Xenagon. All of these lenses are factory coated and couple to the Royal's rangefinder. They have clip-in threads for quick interchangeability (cannot be used on earlier versions).

Shutter Speeds: ½ to 1/500 sec., B. Special Features: Coupled rangefinder with combined range- and viewfinder eyepiece; factory installed MX sync; built-in spring motor for transporting film, winding shutter, and operating exposure counter simultaneously; 24 pictures on one winding; additional setting for auto-



matic-sequence pictures at rate of 8 per second; film marker; simplified film loading; accepts standard 35mm cartridges; rewind knob for rewinding film back into cartridge.

Last List Price: With 30mm, f/3.5 Schneider Xenagon, \$281.75; with 38mm, f/2.8 Xenar, \$255; with 40mm, f/1.9 Xenon, \$295.

Last Reported Used Selling Price Range in 1955: Not available.

Special Identification Points: 1. Flash contacts located on camera's base plate; 2. Built-in rangefinder; 3. Selector dial for regular or automatic-sequence pictures; 4. Springmotor winding knob.

VOIGTLANDER

Manufacturer: Voigtlander A. G., Braunschweig, Germany. Importer: Willoughby's-Wholesale,

110 W. 32nd St., New York 1, N. Y.

Film Size: All models take up to 36

double frame (1 x 1½ in.) pictures
on standard 35mm cartridges.

VOIGTLANDER PROMINENT

Introduced: 1951 (Currently in production)

Lens: Interchangeable, by means of bayonet lens mount. (The interchangeable lenses fit Prominent cameras with serial numbers higher



than 8500 without special adjustment.) Standard lenses are factory coated 50mm, f/3.5 Color-Skopar; f/2 Ultron; and 50mm, f/1.5 Nokton. Accessory lenses (all lenses without reflex housing couple with camera's rangefinder): 35mm, f/3.5 Skoparon wide-angle; 100mm, f/4.5 Dynaron telephoto; and 100mm, f/5.5 Telomar with reflex housing.

Shutter: Behind-the-lens Synchro-Compur O, 1 to 1/500, B, self-timer.

Special Features: Factory installed MX flash sync (version supplied in beginning of 1951 had only X sync); coupled coincidence-type rangefinder; coupled film transport and shutter winding mechanism; double and blank exposure prevention; exposure counter; device for changing partly exposed films; film indicator; built-in depth of field scale; body shutter release; accessory shoe (on latest model).

Last List Price: With 50mm, f/3.5 Color-Skopar, \$157 50; with f/2 Ultron, \$220; with f/1.5 Nokton, \$270.

Last Reported Used Selling Price Range in 1955: With f/2 Ultron, \$130-\$150.

Special Identification Points: 1. Version supplied in early part of 1951 had Compur-Rapid shutter with X flash sync only; version supplied in second half of 1951 and after has Synchro-Compur with MX flash sync. 2. Earliest version do accessory shoe; latest version comes with accessory shoe.

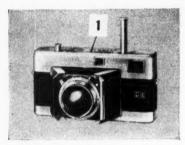
VOIGTLANDER VITESSA (1950 model)

Introduced: 1950 Discontinued: 1951

Lens: 50mm, f/2 Ultron.

Shutter: Compur-Rapid 00, 1 to 1/500 sec., plus B.

Special Features: Quick-action "Combi-Plunger" for cocking shutter, advancing film, and operating exposure counter in one motion; coupled rangefinder with combined view and rangefinder eyepiece; factory installed X sync; body shutter release; automatic parallax compensation; d'ble expos. prevention.



Last List Price: \$157.50. Last Reported Used Selling Price Range in 1955: \$65-\$82.50.

Special Identification Points: 1.

Differentiated from 1951 model by not having accessory shoe; 2. Differentiated from all subsequent models by having only X, instead of MX, flash sync.

VOIGTLANDER VITESSA

(1951 model)

Introduced: 1951 Discontinued: 1954 Lens: 50mm, f/2 Ultron.

Shutter: Synchro-Compur, 1 to 1/500 sec., plus B.

Special Features: Factory installed MX sync; accessory shoe. Other features same as 1950 model.

Last List Price: \$157.50.

Last Reported Used Selling Price Range in 1955: \$69.50-\$99.

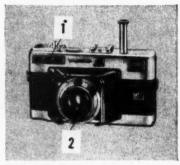
Special Identification Points: 1. Differentiated from 1950 model by having MX, instead of only X sync; 2. Differentiated from later models by not having self-timer.

VOIGTLANDER VITESSA

(f/2 and f/2.8, latest models)
Introduced: f/2, 1954; f/2.8, 1955
(Currently in production)

Lens: 50mm, f/2 Ultron or f/2.8 Color-Skopar.

Shutter: Synchro-Compur, 1 to 1/500 sec., plus B and self-timer.



Special Features: Shutter incorporates Light Value Scale cross-coupled to lens diaphragm (as shutter speeds are changed, lens opening changes correspondingly, thus keeping relative exposures constant); factory installed sync; built-in photoelectric exposure meter. Other features same as 1950 model.

Last List Price: With f/2 Ultron, \$159.59; with f/2.8 Color-Skopar, \$139.50.

Last Reported Used Selling Price Range in 1955: Not available.

Special Identification Points: 1. Differentiated from previous models by having built-in exposure meter; 2. Further differentiated by having shutter with Light Value Scale.

VOIGTLANDER VITESSA f/3.5

Introduced: 1954 (Currently in production)

Lens: 50mm, f/3.5 Color-Skopar.

Shutter: Synchro Compur, 1/50 to 1/500 sec., plus B and self-timer. Note: Earliest version did not have shutter incorporating Light Value Scale; latest version has LVS.

Special Features: Shutter (in current model) incorporates Light Value Scale; factory installed MX sync; accessory shoe. Other features same as 1950 model.

Last List Price: \$99.50.

Last Reported Used Selling Price Range in 1955: \$55-\$64.

Special Identification Points: 1. Differentiated from other models by having f/3.5 lens.

VOIGTLANDER VITO I

Introduced: 1939 Discontinued: 1950 Lens: 50mm, f/3.5 Skopar or (in 1949 version) Color-Skopar.



Shutter: Prontor S, 1 to 1/300 sec., plus B and self-timer; Compur, 1 to 1/300 sec., plus B; or Compur-Rapid, 1 to 1/500 sec., plus B.

Special Features: Factory installed flash sync (in later version only); hinged filter mount (in earliest version only); built-in depth of field scale; automatic exposure counter; shutter release bar; double and blank exposure prevention; zone focusing settings.

Last List Price: With Compur shutter, \$61.25; with Compur-Rapid, \$61.25; with Property S. \$54.25

with Prontor S, \$54.25.

Last Reported Used Selling Price
Range in 1955: With f/3.5 Skopar
and Prontor S, \$22-\$32.50.

Special Identification Points: 1, Shutter release bar instead of round plunger.

VOIGTLANDER VITO II



Introduced: 1950 Discontinued: 1955 Lens: Factory coated 50mm, f/3.5 Color-Skopar.

Shutter: Prontor S1, SV1 or (in current Model) SVS, 1 to 1/300 sec., plus B and self-timer; Compur-Rapid or Synchro-Compur, 1 to 1/500 sec., plus B and self-timer.

Special Features: Factory installed flash syne; device for changing partly exposed films; round shutter release plunger. Other features same as later version of Vito 1.

Last List Price: With Prontor S1, SV1, or SVS (current) shutter, \$54.50; with Compur-Rapid or Synchro-Compur \$61.25.

Synchro-Compur, \$61.25.

Last Reported Used Selling Price
Range in 1955: With Compur
Rapid, \$32.50-\$40.

Special Identification Points: 1.
Round shutter release plunger instead of bar; 2. No built-in range-finder; 3. Version introduced in 1951 has fixed film take-up spool.

VOIGTLANDER VITO IIa

Introduced: 1955 (Currently in production)

Lens: Factory coated 50mm, f/3.5 Color-Skopar.

Shutter: Prontor SVS, 1 to 1/300 sec., plus B and self-timer.

Special Features: Rapid film advance lever; pull-out film rewinding knob; accessory shoe. Other features same as Vito II.

Last List Price: \$54.50.

Last Reported Used Selling Price



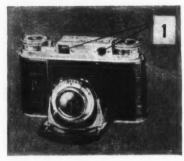
Range in 1955: Not available.

Special Identification Points: 1. Pullup rewind knob; 2. Rapid film advance lever; 3. Accessory shoe.

VOIGTLANDER VITO III

Introduced: 1951 Discontinued: 1954 Lens: Coated 50mm, f/2 Ultron.





Shutter: Compur-Rapid or (in current model) Synchro-Compur, 1 to 1/500 sec., plus B and self-timer.

Special Features: Coupled rangefinder with single eyepiece for view-rangefinder; film type indicator. Other features same as later version of Vito II.

Last List Price: With Compur-Rapid shutter, \$157.50; with Synchro-Com-

pur (current), \$157.50. Last Reported Used Selling Price Range in 1955: \$52,50-\$99.

Special Identification Points: 1: Coupled rangefinder.

VOIGTLANDER VITO B



Introduced: 1954 (Currently in pro-

Lens: Factory coated 50mm, f/3.5 or f/2.8 Color-Skopar.

Shutter: With f/3.5 lens: Pronto, 1/25 to 1/200 sec., plus B and self-timer; or Prontor SVS, 1 to 1/300 sec., plus B and self-timer. With f/2.8 lens: Prontor SVS.

Special Features: Factory installed flash sync; built-in depth of field scale; rapid film winder; body shutter release; automatic exposure counter; zone focusing settings; film winding coupled to shutter cocking; double and blank exposure prevention; accessory shoe.

Last List Price: With f/3.5 lens: with Pronto shutter, \$45.50; with Prontor SVS, \$54.50. With f/2.8 lens and Prontor SVS shutter, \$68.75.

Last Reported Used Selling Price Range in 1955: Not available.

Special Identification Points: 1. Exposure counter located on front of camera; 2. Rigid lens mount, instead of bellows as in other Vito models.

CONTAFLEX

Manufacturer: Zeiss Ikon A. G., Stuttgart, Germany.

Importer: Carl Zeiss, Inc., 485 Fifth Ave., New York 17, N. Y.

Film Size: All models take up to 36 double frame (1 x 11/2 in.) pictures using standard cartridge films. They also accept Contax cassettes.

CONTAFLEX TWIN LENS REFLEX Introduced: 1935 Discontinued: 1940 Lens: Interchangeable, by means of bayonet lens mount. Standard lenses were 50mm, f/2 or f/1.5 Sonnar, or 50mm, f/2.8 Tessar, Focal lengths from 35 to 135mm were available.

Viewing lens was 80mm, f/2.8. Shutter: Metal focal plane, 1/2 to 1/1000 sec., plus B and self-timer.

Special Features: Built-in photo-electric exposure meter: built-in magnifier for ground glass image; Albada sports finder; coupled film transport and shutter cocking; built-in depth of field scale: automatic exposure counter.

Last List Price: With f/2 Sonnar, \$309; with f/1.5 Sonnar, \$399; with f/2.8 Tessar, \$267.

Last Reported Used Selling Price



Range in 1955: With f/2 Sonnar, \$95-\$122.

Special Identification Points: 1. Only Zeiss 35mm twin-lens reflex camera.

CONTAFLEX I

The post-war Contaflex is of entirely different design from the pre-war camera of the same name. The current camera is an eye-level focusing single-lens reflex.

Introduced: 1953 (Currently in production)



Lens: Factory coated 45mm, f/2.8 Tessar incorporating automatic pre-set diaphragm.

Shutter: Until June, 1954, came with Synchro-Compur, with speeds of 1, 1/2, 1/5, 1/10, 1/25, 1/50, 1/100, 1/250, 1/500 sec., plus B; latest version comes with Synchro-Compur MXV, with speeds of 1, 1/2, 1/4, 1/8, 1/15, 1/30, 1/60, 1/125, 1/250, 1/500 sec., plus B and self-timer.

Special Features: Eve-level roof-prism reflex focusing in combination with split-image rangefinder: factory installed MX sync; film transport coupled to shutter winding, pre-set diaphragm, exposure counter, reflex mirror and film-protecting light trap: built-in depth of field scale; film-type indicator; setting for optional fixed focus use; body shutter release: removable back.

Last List Price: \$169.

Last Reported Used Selling Price Range in 1955: \$95-\$115.

Special Identification Points: 1. No built-in exposure meter.

CONTAFLEX II

This camera is the same as the current Contaflex I, but has a built-in photoelectric exposure meter.

Introduced: December, 1954 (Currently in production)



Last List Price: \$199. Last Reported Used Selling Price Range in 1955: Not available. Special Identification Points: 1. Builtin exposure meter.

EXAKTA

Manufacturer: Ihagee Kamerawerk A. G., Dresden, Germany.

Importer: Exakta Camera Co., 705 Bronx River Road, Bronxville 8, N. Y.

Note: Also known as Kine Exakta. Film Size: All models take up to 36 double frame (1 x 11/2 in.) pictures on standard 35mm cartridges.

Lens: All models incorporate bayonet lens mounts for interchangeability of lenses. Standard lens on Exakta I or II was 50mm, f/3.5 or f/2.8 Zeiss Tessar, or 54mm, f/3.5 Exaktar. Standard lens on Exakta V or VX is 50mm, f/3.5 or f/2.8 Tessar; 58mm

f/2 Zeiss Biotar, 58mm, f/1.9, Primoplan, or 50mm, f/1.5 Angenieux. Latest lenses have pre-set diaphragms.

Shutter: All models have focal plane shutter, 12 to 1/1000 sec., plus B & T and self-timer (works with speeds from 6 to 1/1000 sec.).

EXAKTA I



Introduced: 1937 Discontinued: 1946
Special Features: Factory installed
flash sync (only one set of flash
contacts on front of camera); film
transport and shutter winding coupled; 2x magnified ground glass
image; built-in film cutting knife;
film transport and shutter winding
by lever; shutter locked when camera is closed; sports finder; builtin magnifier for ground glass image.
Last List Price: Not available

Last Reported Used Selling Price Range in 1955: With f/3.5 Tessar, \$59.50-\$89

Serial Numbers: To approximately 648,000

Special Identification Points: 1. Permanently fixed reflex viewfinder; 2. Removable back; 3. Only one set of flash contacts on front of camera; 4. Most of the Model I cameras were marked "Exacta" instead of "Exakta," as in later models.

EXAKTA II



Introduced: 1949 Discontinued: 1950 Special Features: Factory installed flash sync (only one set of flash contacts on front of camera); protective cover for magnifier. Other features same as Exakta I.

Last List Price: Not available
Last Reported Used Selling Price
Range in 1955: With f/2.8 Tessar,
\$84-\$99.50

Serial Numbers: Approximately 648,-000 to 665,000

Special Identification Points: 1. Permanently fixed reflex viewfinder; 2. Removable back; 3. Only one set of

flash contacts on front of camera; 4. The first few Model II cameras were marked "Exacta." Most of the Model II cameras, and all subsequent models, are marked "Exakta."

EXAKTA V

Note: Version marketed in Europe, and sometimes met with in U. S., was known as Varex.

Introduced: 1951 Discontinued: 1952 Special Features: Factory installed flash sync (front of camera has two sets of flash contacts marked "V," for use with flashbulbs, and "E," for use with electronic flash); removable reflex finder hood (can be replaced with prismatic eye-level focusing finder). Other features same as Exakta II.

Last List Price: Not available
Last Reported Used Selling Price
Range in 1955: With f/2 Xenon.

\$109-\$144 Serial Numbers: Approximately 665,-000 to 695,000

Special Identification Points: 1. Dif-



ferentiated from Exakta I and II by having two sets of flash contacts; 2. Further differentiated by Penta-Prism release lever on front of camera; 3. Differentiated from Exakta VX by not having film transport warning signal or film-speed indicator.

EXAKTA VX

Introduced: 1952 Discontinued: 1954
Special Features: Factory installed
flash sync (two sets of flash contacts); accepts take-up cartridge;
film transport warning signal; improved rewinding knob; hinged removable back; camera body and film
aperture one-piece; improved latch
on camera back release; built-in film
speed indicator. Other features same
as Exakta V.

Last List Price: With waist-level finder: with 50mm, f/2.8 Tessar, \$259.50; with 58mm, f/2 Biotar, \$335

Last Reported Used Selling Price Range in 1955: With f/2 Biotar (pre-set), \$169-\$210

Serial Numbers: From approximately 695,000 Special Identification Points: 1. Film 2

counter which counts exposures after they have been made; 2. Film transport warning signal; 3. Film-speed indicator.

EXAKTA AUTOMATIC VX



Note: This model is practically identical with Exakta VX 1952, except for a few improvements (see "special features").

Introduced: 1954 (Currently in production)

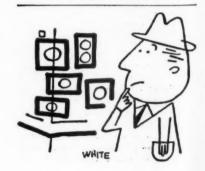
Lens: Standard lenses have fully automatic pre-set diaphragms: Factory coated 50mm, f/2.8 Isco Westanar; 50mm, f/1.9 Schneider Xenon; or 50mm, f/2 Isco Westagon.

Special Features: Gear-set exposure counter; hinged safety cover which fits around shutter release; improved rewind mechanism, improved shutter mechanism (exposures can be made with waist-level finder in folded position). Other features same as Exakta VX 1952.

Last List Price: With waist-level finder: with 5mm, f/2.8 Isco Westanar, \$239.50; with 50mm, f/1.9 Schneider Xenon, \$341.70; with 50mm, f/2 Isco Westagon, \$279.50.

Last Reported Used Selling Price Range in 1955: Not available.

Special Identification Points: 1. Gear for setting exposure counter.



REFLEX CAMERAS, 24 x 24 AND SMALLER SIZES

Reflex cameras using roll film have long maintained a dedicated following. Although there are not so many top quality cameras currently available in this category, as compared with the 35mm cameras, those that are, are designed for rugged service and excellent picture results. Manufacturers of roll film reflexes have currently standardized on film size by producing cameras that give a 2½ x 2½ negative size on 120 or 620 film. These cameras are primarily waist level in operation. Because information on every type of twin-lens reflex is not available as we go to press, some cameras in this category have been omitted. Although prices shown here are as accurate as possible, MODERN cannot assume responsibility for their final authenticity or likelihood to change.

ARGUS

Manufacturer: Argus Cameras, Inc., 405 Fourth St., Ann Arbor, Mich. Film Size: All models take 12 pictures 2½ x 2½ on 620 film (Model E accepts either 120 or 620 film).

ARGOFLEX MODEL E

Introduced: 1940 Discontinued: 1948 Lens: 75mm, f/4.5 Varex, viewing lens f/4.5. Note: Argoflex Model E cameras made after July, 1946 came with coated Varex lenses.

Shutter: Alphax, 1/10 to 1/200 sec., plus B & T.

Special Features: Ground glass focusing; built-in magnifier; sports finder; built-in depth of field scale.

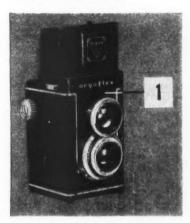
Last List Price: \$32.50 Last Reported Used Selling Price Range in 1955: \$16-\$21.50 Serial Numbers: 750,501 to 896,721



Special Identification Points: 1. Only Argoflex model with plastic body. Note: Model CEW, known as the

Wardflex, was made by Argus but sold by Montgomery Ward. It bears the same serial numbers as Model E, but has these differences: 1. f/6.3 instead of f/4.5 lens; 2. "Wardflex" instead of "Argoflex," marked on front of camera body.

ARGOFLEX MODEL EM



Introduced: 1948 Discontinued: 1948 Lens: Factory coated 75mm, f/4.5 Varex; viewing lens f/3.5.

Shutter: Alphax, 1/10 to 1/200 sec., plus B & T.

Special Features: Metal body. Other features same as Model E. Last List Price: \$64.40

Last Reported Used Selling Price Range in 1955: \$30-\$39.50 Serial Numbers: 10.439 to 13.591

Special Identification Points: 1. Has metal body; 2. No factory installed sync.

ARGOFLEX MODEL EF



Introduced: 1948 Discontinued: 1951 Lens: Factory coated 75mm, f/4.5 Varex; viewing lens f/3.5.

Shutter: Alphax, 1/10 to 1/200 sec., plus B & T.

Special Features: Factory installed sync. Other features same as Model F.M.

Last List Price: \$59.50

Last Reported Used Selling Price Range in 1955: \$27-\$38

Serial Numbers: 2,506 to 30,520
Special Identification Points: 1. Factory installed sync (flash contact is on left side of camera).

ARGUS MODEL 40



Introduced: 1950 (Currently in production)

Lens: Factory coated 75mm, f/4.5 Varex.

Shutter: Between-the-lens, 1/25 to 1/150 sec., plus B.

Special Features: Plastic body; factory installed sync; double exposure prevention; brilliant viewfinder; body shutter release; focusing lens mount; special shutter speed, lens, and distance settings color-coded for fixed-focus shooting of average pictures.

Last List Price: \$37.95

Last Reported Used Selling Price Range in 1955: \$16-\$25

Serial Numbers: None. Bears stamped date of manufacture (1st two digitsyear; last two digits-month).

Special Identification Points: 1. Focusing lens mount.

CIRO-FLEX

Manufacturer: Ciro Cameras, Inc.
Note: This camera is no longer manufactured.

Film: All models take 12 pictures on 120 roll film.

CIRO-FLEX MODEL B

Introduced: 1940 Discontinued: 1952 Lens: 85mm, f/3.5 Wollensak (Early version came with uncoated lens; later version had factory coated lens).

Shutter: Alphax, 1/10 to 1/200 sec., plus B and T.

Special Features: Built-in magnifier; sports finder; built-in depth of field scale.

Last List Price: With coated lens, \$75.60

Last Reported Used Selling Price Range in 1955; \$22.\$39

Special Identification Points: 1. No factory installed sync; 2. Alphax, instead of Rapax shutter as in C, E, and F.



Note: Early version came without field lens in ground glass focusing screen; later version came with field lens.

CIRO-FLEX MODEL C

Introduced: 1946 Discontinued: 1952 Lens: Factory coated 85mm, f/3.5 Wollensak.

Shutter: Rapax, 1 to 1/400 sec., plus B and T.

Special Features: Built-in magnifier; sports finder; built-in depth of field scale.

Last List Price: \$97.65

Last Reported Used Selling Price Range in 1955: \$34-\$42.50

Special Identification Points: 1. No factory installed sync; 2. Rapax, instead of Alphax shutter as in B and D models.

Note: Early version came without field lens in ground glass focusing screen; later version came with field lens.

CIRO-FLEX MODEL D

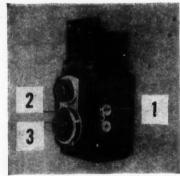
Introduced: 1948 Discontinued: 1952
Note: This camera is same as Mod.
B, but has factory installed sync.

CIRO-FLEX MODEL E

Introduced: 1948 Discontinued: 1952 Lens: Factory coated 85mm, f/3.5 Wollensak.

Shutter: Rapax, 1 to 1/400 sec., plus B and T.

Special Features: Factory installed sync; other features same as Model C.



Last List Price: \$117.55 Last Reported Used Selling Price Range in 1955: \$49-\$68

Special Identification Points: 1. Factory installed sync; 2. Rapax, instead of Alphax shutter as in B and D; 3. 85mm, f/3.5 lens, instead of 83mm, f/3.2.

Note: Early version came without field lens in ground glass focusing screen; later version came with field lens.

CIRO-FLEX MODEL F

Introduced: 1949 Discontinued: 1952
Note: This camera is the same as
Model E, but has an 83mm, f/3.2
lens.

Last List Price: \$148.75
Last Reported Used Selling Price
Range in 1955: \$59.50-\$72



GRAFLEX

Manufacturer: Graflex, Inc., 154 Clarissa St., Rochester 8, N. Y.

Film: All models take 12 pictures on 120 film.

GRAFLEX "22" MODEL 200

Introduced: 1952 (Currently in pro-

Lens: Factory coated 85mm, f/3.5 Graftar.

Shutter: Century, 1/10 to 1/200 sec., plus B & T.

Special Features: Factory installed MFX sync; built-in magnifier; field lens; built-in depth of field scale; sports finder; self-closing ruby window; shoe contact for flash.

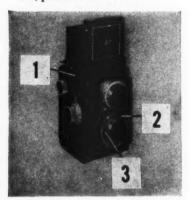
Last List Price: \$93

Last Reported Used Selling Price Range in 1955: \$54-\$66

Special Identification Points: 1. Until July, 1953, was supplied only with black metal trim; after July, 1953, came only in bright metal trim; 2. Century shutter; 3. MFX flash sync.

GRAFLEX "22" MODEL 400

Note: This model is identical with Model 200, except for the shutter. Model 400 has a Graphex, 1 to 1/400 sec., plus B & T.



Last List Price: \$117.50

Last Reported Used Selling Price
Range in 1955: \$68-\$79

Special Identification Points: 1. See
#1 above.

GRAFLEX "22" MODEL 400F

Note: This model is identical with Model 400, except for the following differences: 1. Lens is 83mm, f/3.2 Optar; 2. Flash sync is full adjustable.

Last List Price: \$156.50

Last Reported Used Selling Price
Range in 1955: Not available.

Special Identification Points: 1, See
#1 above.

IKOFLEX

Manufacturer: Zeiss Ikon AG., Stuttgart, Germany

Importer: Carl Zeiss, Inc., 485 Fifth Ave., New York 17, N. Y.

Film Size: All models take 12 pictures 2½ x 2½ on 120 film.

IKOFLEX MODEL I (Early version) Introduced: 1932 Discontinued: 1935 Lens: 75mm, f/4.5 Zeiss Novar.

Shutter: Derval, 1/25 and 1/100 sec., plus B & T.

Special Features: Built-in magnifier.

Last List Price: \$36

Last Reported Used Selling Price Range in 1955: Not available.

Special Identification Points: 1. Lever focusing, instead of knob focusing as

in 1938 version; 2. Only Ikoflex model supplied with f/4.5 lens.

IKOFLEX MODEL I (1938 version)

Introduced: 1938 Discontinued: 1950 Lens: 75mm, f/3.5 Zeiss Novar, or factory coated 75mm, f/3.5 Zeiss Tessar: viewing lens f/3.5.

Shutter: Until 1939, came with Compur, 1 to 1/300 sec., plus B; after-



1939 came with Klio, 1 to 1/250 sec., plus B.

Special Features: Built-in magnifier; parallax correction; double exposure prevention; built-in depth of field scale; body shutter release.

Last List Price: With Compur shutter and Novar lens, \$72; with Klio shutter and Novar lens, \$99; with Klio shutter and Tessar lens, \$120

Last Reported Used Selling Price Range in 1955: With f/3.5 Tessar, \$32-\$49

Special Identification Points: 1. Knob focusing, instead of lever focusing as in earlier version; 2. Compur or Klio shutter.

IKOFLEX MODEL Ia



Introduced: 1952 (Currently in production)

Lens: Factory coated 75mm, f/3.5 Novar or Tessar; viewing lens f/3.5.

Shutter: Prontor SV, 1 to 1/300 sec., plus B and self-timer.

Special Features: Factory installed MX sync; "Extrabrite" focusing screen; sports finder; magnifier; automatic exposure counter; automatic film stop; body shutter release; double exposure prevention.

Last List Price: With Novar lens, \$76; with Tessar. \$96

Last Reported Used Selling Price Range in 1955: With f/3.5 Tessar, \$54-\$72

Special Identification Points: 1. Only Ikoflex model supplied with Prontor shutter.

IKOFLEX MODEL II

Introduced: 1937 Discontinued: 1939 Lens: 75mm, f/3.5 Zeiss Tessar; viewing lens f/3.5.

Shutter: Compur-Rapid, 1 to 1/500 sec., plus B.

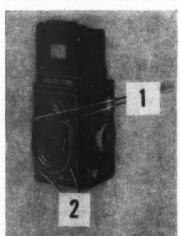
Special Features: Built-in magnifier; automatic film counter; automatic film stop; sports finder; double exposure prevention.

Last List Price: \$116

Last Reported Used Selling Price Range in 1955: \$54-\$72

Special Identification Points: 1. Early version had lever focusing; later version had knob focusing; 2. Exposure counter; 3. F/3.5 Tessar lens.

IKOFLEX MODEL IIa (Old model)



Introduced: 1950 Discontinued: 1952 Lens: Factory coated 75mm, f/3.5 Tessar; viewing lens f/3.5.

Shutter: Compur-Rapid, 1 to 1/500 sec., plus B.

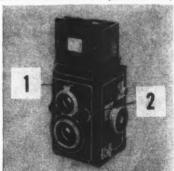
Special Features: Factory installed sync; exposure counter; built-in fresnel lens; automatic film stop; sports finder; double exposure prevention; built-in magnifier; body shutter release.

Last List Price: \$164

Last Reported Used Selling Price Range in 1955: \$69-\$99

Special Identification Points: 1. Peep windows on each side of viewing lens; 2. F/stops and shutter speeds set by levers, instead of knurled wheels, as in later version.

IKOFLEX MODEL IIa (Latest model)



Introduced: 1953 (Currently in production)

Lens: Factory coated 75mm, f/3.5 Tessar; viewing lens f/3.5.

Shutter: Synchro-Compur, 1 to 1/500 sec., plus B.

Special Features: Factory installed MX sync; "Extrabrite" focusing screen; film transport coupled to shutter cocking; exposure counter; knurled wheels for setting f/stops and shutter speeds; sports finder; built-in magnifier; body shutter release.

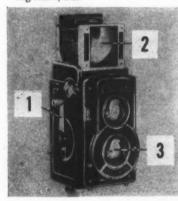
Last List Price: \$126

Last Reported Used Selling Price Range in 1955: \$84-\$97

Special Identification Points: 1. Peep window located over viewing lens mount; 2. Knurled wheels located at sides of lens mount.

IKOFLEX MODEL III

Introduced: 1939 Discontinued: 1940 Lens: 80mm, f/2.8 Zeiss Tessar; viewing lens f/2.8.



Shutter: Compur-Rapid, 1 to 1/400 sec., plus B and self-timer.

Special Features: Built-in magnifier, parallax correction; built-in Albada sports finder; lever crank film transport coupled to shutter cocking; exposure counter; body shutter release.

Last List Price: \$219

Last Reported Used Selling Price Range in 1955: \$69—\$89

Special Identification Points: 1. Only Ikoflex model with film transport crank lever; 2. Only Ikoflex model supplied with Albada sports finder; 3. Made only with f/2.8 lens.

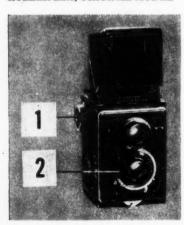
ROLLEIFLEX AND ROLLEICORD

Manufacturer: Franke & Heidecke, Braunschweig, Germany

Importer: Burleigh Brooks Inc., 10 W. 46th St., New York 36, N. Y.

Film Size: All 6 x 6cm Rolleiflex cameras except Original Rolleiflex take 12 pictures 2½ x 2½ on 120 film. Note: A few over-sized cameras taking 9 x 9cm pictures on 122 film were made. There were also two 4 x 4cm models.

ROLLEIFLEX, ORIGINAL MODEL



Introduced: 1929 Discontinued: 1932 Film Size: 6 pictures 2½ x 2½ on B1(117) film (some were converted to take 12 pictures on 620 film).

Lens: 75mm, f/4.5 Zeiss Tessar; viewing lens f/3.1. Note: Version B introduced in April, 1929 had 75mm, f/3.8 Tessar taking lens.

Shutter: Compur, 1 to 1/300 sec., plus B & T.

Special Features: Eye-level focusing; built-in magnifier.

Last List Price: With f/4.5 Tessar, \$75; with f/3.8 Tessar, \$85

Last Reported Used Selling Price Range in 1955: Not available. Serial Numbers: To 200,000 Special Identification Points: 1. Made only with film winding knob, instead of lever crank; 2. Made only with rim-set shutter (no peep window); 3. Only Rolleiflex model without film counter (red window must be used).

ROLLEIFLEX STANDARD (Old)

Introduced: 1932 Discontinued: 1937 Lens: 75mm, f/4.5 or f/3.8 Zeiss Tessar: viewing lens f/3.1

Shutter: Compur, 1 to 1/300 sec., plus



B & T. Note: Version introduced in 1934 had Compur-Rapid, 1 to 1/500 sec., plus B.

sec., plus B.

Special Features: Parallax correction; built-in sports finder; lever crank film transport; exposure counter (1st exposure must be set in red window); built-in magnifier; peep windows for lens stops and shutter speed settings; accepts plate or 35mm adapters, other accessories.

Last List Price: With f/4.5 or f/3.8 Tessar, \$125

Last Reported Used Selling Price Range in 1955: With f/3.8 Tessar, \$22.50—\$44

Serial Numbers: 200,000 to 567,550
Special Identification Points: 1. Made only with lens mount accepting pushon accessories; 2. Only 6 x 6cm Rolleiflex with single lever for tensioning and releasing shutter; 3. Only 6 x 6cm Rolleiflex with 2 film windows.

ROLLEIFLEX AUTOMAT 1937

Introduced: 1937 Discontinued: 1949
Lens: 75mm, f/3.5 Zeiss Tessar. Note:
Version introduced in 1945 came
with either Tessar or Schneider
Xenar f/3.5 lens. Viewing lens (all
versions) f/2.8

Shutter: Compur-Rapid, 1 to 1/500 sec., plus B & T and self-timer.

Special Features: Eye-level focusing; film transport coupled to shutter cocking (double exposure prevention); automatic film feeding (not necessary to set 1st exposure in red window, which is eliminated); knurled wheels for setting lens stops and shutter speeds; body shutter release; built-in magnifier; parallax correction; peep windows for lens stops and shutter speed settings.

Last List Price: With Xenar lens, \$220; with Tessar, \$250

Last Reported Used Selling Price Range in 1955: \$74—\$86 Serial Numbers: 480,000 to 1,000,000



Special Identification Points: 1. From 1937 to 1939, made with bayonet mount on taking lens only; after 1939, made with bayonet mounts on both viewing and taking lenses; 2. Only Rolleiflex Automat with B and T shutter settings; 3. Only Rolleiflex Automat lacking sports finder.

ROLLEIFLEX STANDARD (New)



Introduced: 1939 Discontinued: 1941 Lens: 75mm, f/3.5 Zeiss Tessar; viewing lens f/3.1

Shutter: Compur-Rapid, 1 to 1/500 sec., plus B. (No T or self-timer)

Special Features: Film transport coupled with shutter cocking (1st exposure must be set in red window). Other features same as Automat 1937.

Last List Price: \$185

Last Reported Used Selling Price Range in 1955: \$39,50-\$53

Serial Numbers: 805,000 to 927,999
Special Identification Points: 1. Lens stops and shutter speeds set by levers, instead of knurled wheels; 2. No self-timer.

ROLLEIFLEX AUTOMAT 1949

Introduced: 1949 Discontinued: 1951
Lens: Factory coated 75mm, f/3.5 Zeiss
Tessar or Schneider Xenar. Viewing
lens f/2.8. Note: Factory coated
lenses have following marks engraved on lens mount; Zeiss: "T";
Schneider: \(\Delta \) in red.

Shutter: Compur-Rapid, 1 to 1/500 sec., plus B and self-timer.

Special Features: Factory installed X-type sync; sports finder. Other features same as Automat 1939.

Last List Price: With Xenar lens.



\$235; with Tessar, \$275 Last Reported Used Selling Price Range in 1955: With f/3.5 Tessar, \$114-\$139.50

Serial Numbers: 1,100,000 to 1,168,000 Special Identification Points: 1. Made only with X type sync (no lever for selecting M or X type sync).

ROLLEIFLEX AUTOMAT 1951

Introduced: 1951 Discontinued: 1954 Lens: Factory coated 75mm, f/3.5 Tessar or Xenar; viewing lens f/2.8.

Shutter: Compur-Rapid, 1 to 1/500 sec., plus B and self-timer.

Special Features: Factory installed MX sync; built-in magnifier showing entire ground glass image. Other features same as Automat 1949.

Last List Price: With Xenar lens, \$219.50; with Tessar, \$239.50 Last Reported Used Selling Price

Range in 1955: With f/3.5 Tessar, \$149.50-\$172



Serial Numbers: From 1,100,000 to 1,427,999
Special Identification Points: 1, Lever

Special Identification Points: 1. Lever for selecting M or X type sync.

ROLLEIFLEX AUTOMAT f/2.8

Introduced: 1950 Discontinued: 1953
Lens: Factory coated 80mm, f/2.8
Zeiss Tessar; viewing lens f/2.8.
Note: B version with 5-element
80mm, f/2.8 Zeiss Biometar lens may
occasionally be found.

Shutter: Compur-Rapid, 1 to 1/400 or 1/500 sec., plus B and self-timer.

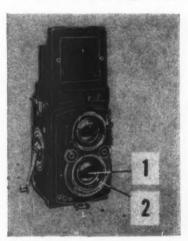
Special Features: Factory installed Xtype sync (latest ones had MX sync). Other features same as Automat 1949.

Last List Price: With X-type sync, \$325; with MX sync, \$345

Last Reported Used Selling Price Range in 1955: \$129-\$178

Serial Numbers: From 1,101,000, X sync; from 1,201,000, MX sync.

Special Identification Points: 1. Only Rolleiflex supplied with Zeiss Tessar f/2.8 lens; 2. Has larger diame-



ter lens bayonet mount requiring special size lens accessories.

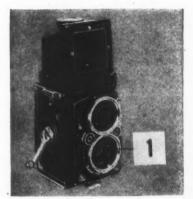
ROLLEIFLEX AUTOMAT f/2.8C

Introduced: 1953 (Currently in production)

Lens: Factory coated 5-element 80mm, f/2.8 Schneider Xenotar or Zeiss Planar; viewing lens f/2.8.

Shutter: Synchro-Compur, 1 to 1/500 sec., plus B and self-timer.

Special Features: Provision for intentional double exposures; built-in film speed and film type indicator in focusing knob; safety locks on flash outlet and on lens stop and shutter speed wheels; built-in 35mm exposure counter; adjustable magnifier; lever-locking tripod base; safety film knobs; ribbed baffled interior for protecting film against internal



reflections. Other features same as latest Automat f/2.8.

Last List Price: \$309.50 (including case).

Last Reported Used Selling Price Range in 1955: \$184-\$232

Special Identification Points: 1. Only Rolleiflex supplied with Xenotar or Planar lens; 2. Only Rolleiflex supplied with built-in 35mm exposure counter.

ROLLEIFLEX AUTOMAT 1954

Introduced: 1954 (Currently in production)

Lens: Factory coated 75mm, f/3.5 Schneider Xenar or Zeiss Tessar; viewing lens f/2.8.

Shutter: Synchro-Compur "Light Value System," 1 to 1/500 sec., plus B and self-timer.

Special Features: Shutter incorporates Light Value Scale cross-coupled to lens diaphragm (as shutter speeds are changed, lens opening changes correspondingly, thus keeping relative exposure constant); shutter cocking and self-timer tensioning coupled to film transport; double and blank exposure prevention with provision for making intentional double exposures; exposure table with "Light Values" on back of cam-



era; body shutter-release with safety lock; extra large focusing knob with built-in film-type indicator; eye-level focusing; built-in magnifier; sports finder; built-in feeler mechanism for easy film loading; factory installed MX flash sync; self-locking safety hinge on camera back; automatic exposure counter; lever-crank film transport.

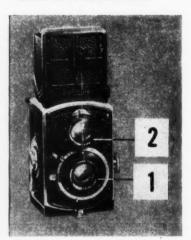
Last List Price: With 75mm, f/3.5 Xenar, \$234.50; with 75mm, f/3.5 Tessar, \$249.50 (prices include

case).

Last Reported Used Selling Price Range in 1955: Not available. Serial Numbers: From 1,428,000 Special Identification Points: 1, Light

Special Identification Points: 1. Light Value Scale; 2. Extra large focusing knob with film-type indicator.

ROLLEIFLEX SPORTS MODEL, 1931
Introduced: 1931 Discontinued: 1938
Note: First few models were called
"Babyflex." This camera is often
called the 4 x 4cm Rolleiflex.



Film Size: Takes 12 pictures 15% x 15% on 127 film.

Lens: 60mm, f/3.5 or f/2.8 Zeiss Tessar. Viewing lens f/2.8. Note: After 1934, was supplied only with f/2.8 Tessar taking lens.

Shutter: Compur, 1 to 1/300 sec., B & T. Note: Version introduced in 1934

had Compur-Rapid shutter, 1 to 1/500 sec., plus B & T.

Special Features: Sports finder; film transport by lever crank; built-in magnifier; exposure counter (1st exposure must be set in red window).

Last List Price: With f/3.5 lens, \$106.50; with f/2.8 lens, \$122 Last Reported Used Selling Price

Range in 1955: With f/3.5 Tessar,

Serial Numbers: 200,000 to 600,000 Special Identification Points: 1. From 1931 to 1933, came only with rim-set shutter; after 1933, had peep windows, and levers for setting lens stops and shutter speeds; 2. Made only with lens mount accepting pushon accessories.

ROLLEIFLEX SPORTSMODEL, 1938



Introduced: 1938 Discontinued: 1941 Film size: Takes 12 pictures 15% x 15% on 127 film.

Lens: 60mm, f/2.8 Zeiss Tessar; viewing lens f/2.8.

Shutter: Compur-Rapid, 1 to 1/500 sec., plus B & T.

Special Features: Taking lens accepts bayonet mount accessories. Other features same as Sports Rolleiflex 1934

Last List Price: \$148.50
Last Reported Used Selling Price
Range in 1955: \$57—\$71.50
Serial Numbers: 600,000 to 800,000
Special Identification Points: 1. Bayonet mount on taking lens.

ROLLEICORD MODEL I

Introduced: 1933 Discontinued: 1935 Film size: All models of Rolleicord take 12 pictures 2½ x 2½ on 120 film.

Lens: 75mm, f/4.5 Zeiss Triotar; viewing lens f/3.2. Note: Version introduced in 1934 had f/3.8 Triotar taking lens.

Shutter: Compur, 1 to 1/300 sec., plus



B & T.

Special Features: Exposure counter (1st exposure must be set in red window); sports finder; built-in magnifier.

Last List Price: \$57.50

Last Reported Used Selling Price Range in 1955: With f/4.5 Triotar, \$22—\$36

Serial Numbers: None

Special Identification Points: 1. Before 1934, came only with all nickel plated body; after 1934, was supplied only with leather-covered body; 2. No automatic film stop; 3. Only Rolleicord with exposure counter on left side of camera.

ROLLEICORD IA

Introduced: 1935 Discontinued: 1941 Lens: 75mm, f/4.5 or f/3.8 Zeiss Triotar; viewing lens f/3.2.

Shutter: Compur, 1 to 1/300 sec., plus B & T.

Special Features: Accepts plate and 35mm film adapters. Other features



same as Rolleicord Model I, 1934 version.

Last List Price: \$91

Last Reported Used Selling Price Range in 1955: With f/3.8 Triotar, \$35—\$44.50

Special Identification Points: 1. Automatic film stop; 2. Rim-set shutter (no peep windows).

(Continued on page 112)





SPECIAL REPORT SECTION

MAKRO-KILAR LENSES for single-lens 35mm reflex cameras are versatile as well as sharp.....page 84 ROLLEIFLEX 2.8 D features new LVS exposure system plus other mechanical innovations.....page 88 **NEW COLOR SYSTEM** allows twinlens reflex owners to make giant slides for 35mm projection.....page 89 STEREO-GRAPHIC incorporates radical optical design in attempt to eliminate focusingpage 90 STEREO REALIST 45 is Germanmade, moderately priced, non-rangefinder 3-D camera.....page 91 OMEGA ENLARGERS are redesigned. There's a brand new model for 35mm or sub-miniature work....page 92

CORBINA provides completely internal automatic diaphragm control in an eve-level reflex 35mm.....page 94 HEILAND STROBONAR VII electronic flash unit has choice of three power packs, AC, high-voltage DC, lowvoltage DC, in compact design page 95 ANSCOCHROME MOVIE FILM introduces a fast (ASA 32) 16mm reversal color stock with excellent color fidelity and amazing latitude page 100 EDNALITE DUAL LENS for 8, 16mm cameras, behaves as wide angle lens when used in one direction, telelens when reversed.....page 102 RICOH 35 Japanese camera in the moderate price field, can produce 20 shots in 10 seconds.....page 111

INFINITY



20 FEET



2 INCHES



NEW MAKRO-KILAR LENS

WHAT'S YOUR DREAM lens? A needle sharp f/1 which you could use for wide-angle, normal and telephoto shots at will? All this in one neat package of optical glass which you could focus on a bug at two inches or a mountain at infinity—with generous depth of field at both extremes? This lens hasn't been designed yet, but the closest thing to it is the new, compact, f/3.5, 40mm Makro-Kilar which will fit most popular 35mm single-lens reflex cameras accepting interchangeable lenses.

How close does this lens come to dream specifications? The most remarkable thing about the Makro-Kilar is the ease with which it brings new scope to picture making. Just one full turn of the focusing ring lets you roam from infinity down to two inches from the front of the lens mount with the Model D, or down to four inches with the Model E. There are no attachments to get in your way or slow you down. You can look at anything in your scene—the entire view or a tiny significant detail nearby—and record it within a matter of seconds.

When you start shooting you find that the 40mm focal length is a happy compromise—in a sense is two lenses in one. It takes in a wider angle of view than a "normal" 50mm lens found on the majority of 35mm cameras—56 degrees diagonally, instead of the more usual 45 to 48—yet it doesn't have great distortion around the edges which is characteristic of an extreme wide-angle lens. And there's a greater zone of sharpness at all distances

with the Makro-Kilar than with a normal lens. Even close-up with a slightly curved subject you have a reasonable working depth (see photograph top, right, on page 87).

True you can't take telephoto pictures with the Makro-Kilar. You don't have the dream f 1 aperture. But ModERN's tests show that the Makro-Kilar lens is needle sharp. And at the maximum opening, f/3.5, it's easy to shoot in low light situations if you use the new fast black-and-white films. Outdoors, aside from closeups, you can put depth of field and semi-wide angle of view to work creatively to make pictures like the one at right, photographed with the Model D on a Pentacon camera at f/8 and 1/500 with Kodak Super-XX film. You can get either model of the lens for this camera as well as for the Alpa, Exa, Exakta, Rectaflex (see bottom of page 87), Contax D, Contax S, and Hexacon. Price of Model D, \$114.95; Model E, \$89.95. Also available for Models D and E is a Series VII screw-in filter adapter. which has a lens shade (\$4.95). Ordinarily no sun shade is needed because the mount extends over an inch beyond the front lens element. A similar lens for 21/4 x 21/4 single-lens reflex cameras is in the works.

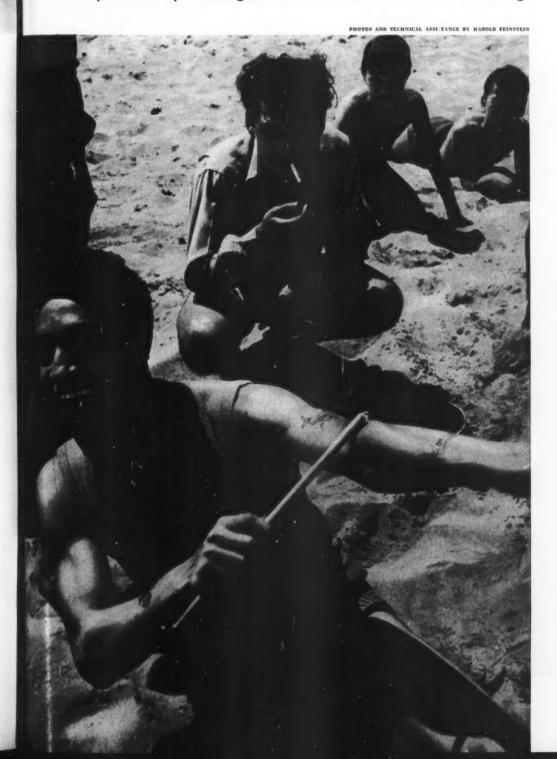
Why half the dream comes true

Both Model D and E Makro-Kilar lenses are optically identical—a Tessar-type four-element, compound triplet. A single element is placed in front, another in the center, and two elements cemented together are at the rear. But the secret of the continuous focusing down to extreme close-ups lies in the lens mount.

Imagine one threaded, light-weight alloy sleeve within another, and you've a pretty good idea of the double-helical mount construction of the Model D. At infinity one black sleeve, or helical mount, is completely within the other. When you focus close-up the front mount is extended, as shown on page 87. Model E, which focuses to four inches from the front of the lens mount, requires less extension and has only a single threaded sleeve. When mounts were extended all the way on the two models we tested, distance markings were slightly below two and four inches respectively—permitting us to move in a fraction closer than the lenses indicate. Designed by Heinz Kilfitt of Kilfitt Optische Fabrik, Munich, the lenses are made in Liechtenstein by Kamerabau Anstalt Vaduz, in cooperation with Kilfitt.



Is there an all-purpose lens? Not yet! But the remarkable Makro-Kilar for 35mm single-lens reflex cameras may begin a new trend in lens-mount design. It may be the first step towards a day when each camera requires only a single versatile lens for all shooting.



You could put it another way and say that both models come with built-in focusing extension tubes. But the mount isn't the only ingenious device on the Makro-Kilar. Several useful scales are engraved on satin chromefinished aluminum. As everyone who's ever made extreme close-ups knows, some extra exposure is required. At what distances is it needed, and how much extra exposure must you give? Pocket charts and calculators can be bought, but with the Makro-Kilar things are much simpler. For distance settings of about 7 inches or less, the exposure increase scale on the lens gives you a direct reading. Using the closest figure is sufficiently accurate for any ordinary shooting. Just open up half a stop for 1.5X exposure factor, a full stop for 2X, 13/4 stops for 3.5X, or change your shutter speed accordingly.

Another direct reading scale compares film image size to subject size at various close-up distances. For example, when Model D is set at 6.3 inches (16 cm), page 130, the image on the film will be a little less than one-third the size of the subject (1:3.5 ratio). You get a nearly life-size image (1:1.1 ratio) when the Model D is set at two inches, and a half-life-size image (1:2 ratio) when the Model E Makro-Kilar lens is set at four inches.

Finally, all distance markings (from front of lens mount to subject) are indicated in both inch-foot and metric systems; and for convenience there are two sets of f/numbers (f/3.5 to f/22) engraved on the mount so

one set is always visible.

Several things impressed Harold Feinstein, who made the pictures for this article. "The best thing about the Makro-Kilar," he told us, "is that it frees you-lets your imagination run wild. Usually a photographer's mind works within the limitations of his equipment. Now, I can shoot at a distance or move in quickly. By being able to work close so easily I've begun to notice detail more than ever before-small things like a piece of birch bark (top, right, opposite page), hands, or individual features in a face.

"What's more, I can have my cake and eat it, too. The usual close-up of a face doesn't include much background. Yet in the picture of the boy (below), made only two feet from the subject with the Model D. I was able to keep the head large and at the same time suggest enough of the background to relate the (Continued on page 130)

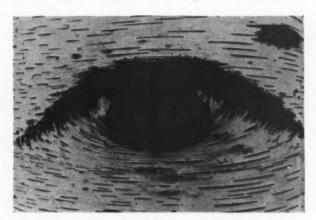
PORTRAITS. You can move in close with the Makro-Kilar for a large head and still include enough background to relate subject to environment. Distance here was about 2 feet. Exposure: f/3.5 and 1/50 second, at sunset.



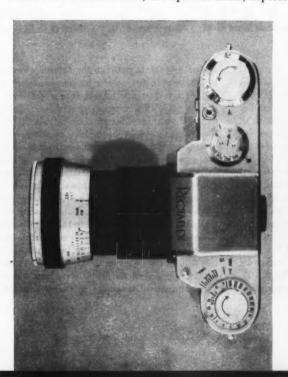


NIGHT SHOTS. It's easy to focus quickly with the Makro-Kilar, even under low-light conditions, because the lens creates an unusually bright image in a prism finder. And with new, fast black-and-white films, the f/3.5 speed of the lens is no handicap. 1/20, f/3.5, Kodak Tri-X.

CLOSE-UPS. Not an eye, but part of a birch tree photographed seven inches away. Wide open at f/3.5 (1/100) the Makro-Kilar had sufficient zone of sharpness to cover the area. Corners on the enlargement were reasonably sharp. Like all Feinstein's pictures on these pages, the shot was made with a Makro-Kilar Model D and a Pentacon 35mm single-lens reflex camera.

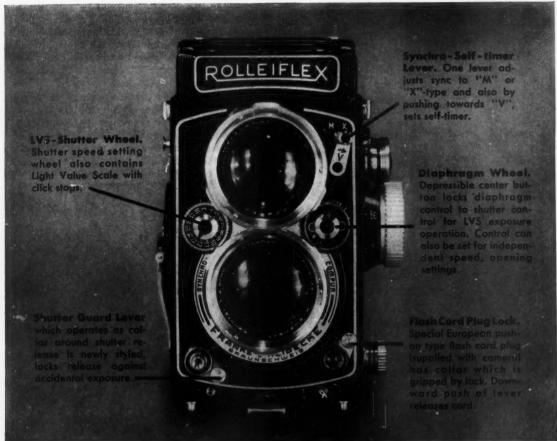


THE MAKRO-KILAR is available for most 35mm single-lens reflex cameras which take interchangeable lenses. It is remarkable because of mount design which enables the user to focus Model D (shown extended, left, below) from infinity to 2 in. with one turn of the focusing ring, and Model E as close as 4 in. from the front of the lens mount. Both are lightweight, and compact when extended or closed (see Model D, right, below, set at infinity). They have the same 4-element, 40mm, f/3.5 lens, distance scales in inches and meters, two aperture scales, exposure increase markings, and an image ratio scale.





atio scale.



Latest Rolleiflex model, the 2.8 D, replaces the now discontinued 2.8 C, comes with a Xenotar or Planar, f2.8 lens.

NEW ROLLEIFLEX 2.8D

A TOP ITEM in the Rolleiflex line of cameras has undergone a facelifting. The 2.8 D model, replacing the 2.8 C, shows some decided improvements which make the camera a more versatile machine and decidedly easier to handle.

When the LVS (Light Value Scale) first appeared on the f/3.5 Rollei models, some photographers were inclined to think of this gearing of aperture and shutter

speed as a device strictly for dubs and novices. But it is the professional, who must change speeds and apertures swiftly and without mistakes on a job, that has become really enthusiastic about the LVS. As a result, LVS now makes its appearance on the 2.8 D. This camera has a coupling device, operating between the shutter speed and aperture scales, which guarantees proper exposure if either the shutter speed or aperture is changed. Here's an example of how it works. Suppose your meter advises a reading of 1/30 at f/16. You set the dials of the Rollei so that these figures appear in the characteristic Rollei windows atop the viewing lens. Then you lock the LVS system in place by depressing and turning the small button located in the middle of the diaphragm control wheel (picture above). The arrow on the opposite (shutter speed) wheel will point to number 13. This is the Light Value Scale Number for your exposure. Now suppose you wish, suddenly, a faster shutter speed to shoot action, but you want to maintain exposure. Instead of hauling out the meter again and recalculating or doing some mental gymnastics to find the equivalent exposure, you merely turn the shutter-speed dial to 1/500 sec., and the aperture dial will automatically change to (Continued on page 128)





NEW COLOR SYSTEM FOR ROLLEI

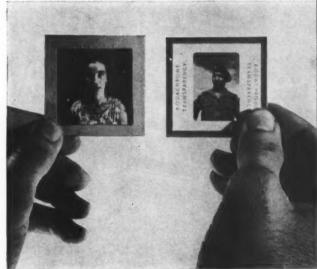
SHOOTING COLOR has been somewhat of a problem for twin-lens reflex camera owners. If you use No. 120 roll film, you are left with an unwieldy $2\frac{1}{4} \times 2\frac{1}{4}$ inch transparency which should be mounted between glass if it's to be projected. You also need a special $2\frac{1}{4} \times 2\frac{1}{4}$ inch projector. If the camera is adaptable to 35mm film, like the Rolleiflexes and Rolleicords, you have, primarily, a vertical format. Holding the camera for horizontals is quite a chore.

Now, there is a way out. Frank Rizzatti of Burleigh Brooks Co., distributors for Rolleiflex and Rolleicord, has invented an ingenious color system. By using any No. 120 color film, you can produce, with little trouble, a large, square transparency capable of projection in any 35mm slide projector. Here's how it works.

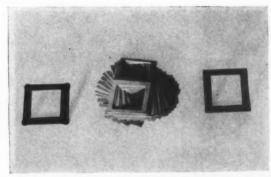
The new "Super Slides for Rollei" kit consists of three items: a metal mask, which you fit neatly inside the Rollei next to the focal plane; a second mask which drops onto the ground glass for framing; and a packet of 24, heat-adhesive cardboard mounts. You load your film and operate the camera in the usual manner. But, instead of framing on the whole ground glass, you use only the masked portion. When you receive your film back from the processor, you'll have 12 transparencies, each about $1\frac{1}{2} \times 1\frac{1}{2}$ inches. Around each transparency will be white line markings, forming a rectangle (see picture page 126). Cut along these line markings, insert your transparency in one of the mounts, apply a little heat from an iron (pictures, page 126), and you are ready to project with just about any 35mm slide projector. But not with all.

There are a few units which will need adapting. Some projectors have a cross-shaped slide carrier instead of the usual full $1\frac{1}{2} \times 1\frac{1}{2}$ inch opening. Such carriers can usually have the corners cut for a full opening by a metal-smith or camera repair shop.

You may have one possible difficulty with the focal plane mask. The lines outlining (Continued on page 126)



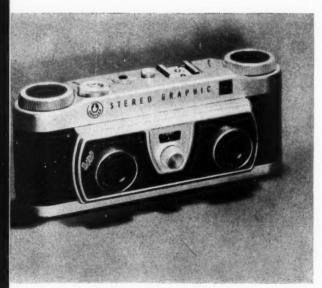
PROTOS, TECHNICAL ASSISTANCE BY TED BUSSELL. New "Super Slides system for Rollei" produces a square $1\frac{1}{2} \times 1\frac{1}{2}$ in. transparency, considerably larger than the standard 35mm format. Exterior mount size is same.



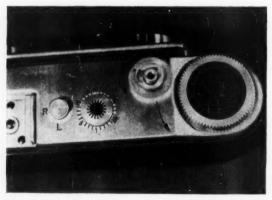
Here's the "Super Slides" kit, which will sell for under \$5. Mask, at left, fits focal plane of camera. Mounts are in center. Ground glass mask fits most reflex cameras.



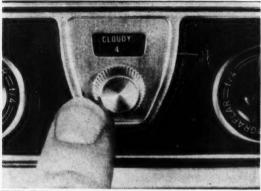
Focal-plane film mask fits grooves in Rolleis (there will be several models for the different Rolleicords and Rolleiflexes). Other reflexes must do without the mask.



Stereo Graphic is quite compact in appearance. All controls, except aperture, are located on top of camera. Wind, rewind knobs are easy to grip.



Features atop the camera, left to right: shoe with flash contact, rewind button, exposure counter, shutter release, film wind knob which also cocks shutter.



PHOTOS, TECHNICAL ASSISTANCE BY NORMAN BOTHSCHILL

Aperture control wheel is calibrated in weather conditions for films with ASA film speed of 8 as well as in f/stops, 4 to 16, to be used with other films.



3-D STEREO GRAPHIC

EVER HEAR of a stereo camera with one lens focused at a near distance and the other lens focused on a far point? Here's one now: the Stereo Graphic, an American-made, extremely compact and simplified 3-D camera, made by Graflex. Inc., of Rochester, N. Y.

The two-coated Graflar 35mm f/4 lenses are fixed focus. But one lens is focused so that the depth of field at f/4 keeps everything from about 10 to 30 feet in focus, while the other lens produces adequately sharp images from approximately 15 feet to infinity. The single-speed shutter operates at about 1/50 sec., while the lenses have Waterhouse stops as follows: cloudy, f/4; hazy, f/5.6; bright, f/8; brilliant, f/11 and f/16. The weather conditions are figured for users of color film with an ASA film speed of 8. Owners employing one of the new, faster color films will simply ignore the printed instructions and refer to the lens openings only. A knob between the two lenses (see picture left) controls the lens openings.

The body of the camera, a light metal casting, is beautifully finished. Even the removable back and bottom plate is a solid casting. All controls, except the lens diaphragm, are atop the camera—a rewind button, exposure counter showing the number of stereo pairs yet to be shot, a collar around the shutter release button, which can be moved for instantaneous or bulb exposures, plus wind and rewind knobs. The accessory shoe has a flash contact built into it. The flashgun which, like the carrying case, is included in the price of the camera, \$79.50, fits the shoe.

We awaited test shots with the Stereo Graphic with real curiosity. How would the new lens system work? Graflex had announced, in explaining the new system: "The ability of the human eye and brain to see selectively, known as ocular accommodation, causes the stereo slides to appear in sharp focus from foreground to infinity, when images are ob- (Continued on page 106)

REALIST 45 STEREO

JUST ABOUT the only thing the new Stereo Realist 45 camera has in common with the famous Stereo Realist already on the market is the name Realist. It's a completely different camera, made in Germany instead of the United States, and its features are quite alien to its older and more expensive American brother.

The Realist 45, which lists at \$88.50, has matched 35mm f/3.5 Steinheil Cassar lenses, coupled Vero shutters with speeds of 1/25 to 1/200 sec., automatic film cocking and shutter wind by means of a thumb lever, and focal plane focusing. Instead of the lenses moving back and forth for focusing, the film plane itself moves when the milled wheel atop the camera is turned. The milled wheel contains a depth of field scale (picture, right).

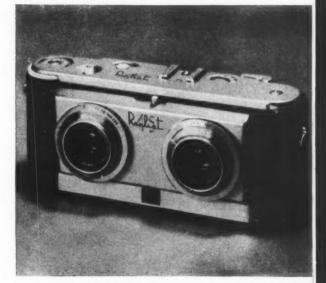
The exposure counter system is a bit on the unusual side. The frame numbers are located around a cutout half moon area. Within the area is a movable plate with a red sector. The red sector recedes as the pictures are taken, so you can determine how much of the roll is yet to be shot by observing how much red is still showing on the counter.

The viewfinder, at the bottom of the Realist, is located between the two lenses. Image brilliance and definition are excellent.

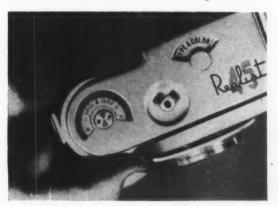
The camera body is made largely of castings. The method of opening the camera is rather novel. You press a small lever on the bottom of the camera. This releases the rewind knob which springs to a protruding position (picture, right). Instead of turning the knob in the direction of rewind, a slight twist in the opposite direction causes the camera back to spring open. (It's conceivable that someone might turn the knob in the wrong direction during loading with unfortunate results.)

A fairly comprehensive exposure guide for both flash and daylight work occupies a metal plate on the bottom of the Realist. The flash contact is built into the accessory shoe atop the camera. There's also a film-type indicator near by.

The new Stereo Realist has no rangefinder. It raises the following question: How valuable is a rangefinder in stereo? If you're a serious photographer bent on obtaining the best results with stereo, you'll often find a rangefinder unnecessary. Actually, professional stereo photographers seldom use a (Continued on page 134)



Stereo Realist 45 differs in appearance from more expensive, already established, Realist models, St 41, 42. Lever between lenses recocks shutter for special effects.



Milled wheel focuses camera by moving film plane instead of lenses. Depth of field scale occupies its center. Adjacent is threaded shutter release, film reminder.

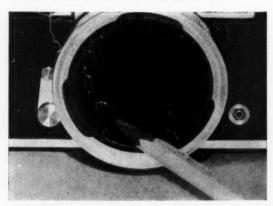


Rewind knob protrudes when lever on bottom is pushed. Turning in direction of arrow rewinds film; opposite direction opens back. Note exposure tables.



CORBINA

Corbina with eye-level prism, f/2 58mm lens, looks compact. Lever on front sets self-timer. Button above it releases shutter. Window is direct finder.



Horizontal lever inside camera body (shown) controls automatic lens mechanism. Some models have no lever. If you want automatic feature, look for it.



Button on lens rear marks it as automatic. Although lenses without mechanism fit camera, only those with button will operate automatically.

NEW CORBINA 35MM REFLEX

NEW DESIGNS in the top price camera field are rare birds indeed. But the Corbina, a unique single-lens, eye-level reflex camera, originally announced for production as long ago as 1952, has been redesigned and may be on your dealer's shelf now.

What is new about the Corbina? Most important, perhaps, is a completely internal automatic diaphragm mechanism. The 58mm f/2 Biotar lens can be focused wide open. When you're ready to take your picture, and the body shutter release is pressed, an internal system of rods and levers (see pictures at left) shuts down the diaphragm opening to any predetermined stop. Since the automatic diaphragm mechanism is spring actuated in closing, there is no additional pressure required to release the shutter. Instead, the sweep lever underneath the lens barrel, which must be cocked after each exposure, resets the diaphragm to the full opening, f/2.

Oddly enough, the Biotar lens, which is standard equipment in many other eye-level reflex cameras, does not seem to be any greater in size with the addition of the special closing mechanism than it is in the usual pre-set mount.

The lens mount itself is of a bayonet lock construction. A quarter turn of the milled collar mounted on the camera releases the lens. The opening is large in diameter, which should allow extremely long focal-length lenses to be mounted without vignetting. At examination time, no lenses other than the 58mm f/2 Biotar and the 58mm f/2.8 Tessar were available; but wide-angle, telephoto, and long focal-length lenses, with built-in automatic diaphragms, are

promised.

The Corbina is one of the smaller, single-lens reflexes. Its shutter is comparatively quiet (most cameras of similar design have extremely noisy shutter and mirror mechanisms). Speeds of the cloth focal-plane shutter, from 1 to 1/1000 sec., are set by rotating a milled collar around the film-wind-

SPECIAL
REPORT

ing knob (see picture, page 122). The frame counter, engraved around the winding knob, is a bit hard to read accurately since it uses the same pointer as the film-speed collar.

The camera comes in two forms, with an eye-level prism or a waist-level finder. They are interchangeable. The waist-level hood has no (Continued on page 122)

HEILAND'S STROBONAR VII

VERSATILITY and compactness are the outstanding features of the Strobonar Seven electronic flash outfit, newest and smallest in the Heiland line. It's versatile because one light head and reflector assembly can be joined to any one of three entirely different sources of electric power: household alternating current; high voltage dry battery; low voltage "D" cells.



The Strobonar Seven is not the first speed light with interchangeable power packs. It is, however, a moderately priced, well thought out design, and certainly has remarkable eve-appeal.

All electronic flash units require a high voltage direct current source to charge a capacitor. The electricity stored in the capacitor is discharged all at once through a gas filled tube, thus producing the useful flash. A trigger transformer is usually employed to start the flash in the lamp.

How the power packs work

The Strobonar's tubular gun assembly contains the capacitor and the trigger transformer, and supports the reflector and flashtube. However, everything having to do with generating the high voltage power supply is contained in the various power packs.

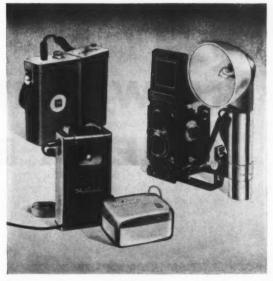
The Pro-Pak power supply is the simplest of the three. It consists of a lightweight leather case and a compact 510 volt dry battery. This connects directly to the capacitor to charge it.

The AC-Pak connects to the household 110 volt alternating current. It contains a transformer that boosts the house current to high voltage AC, and a rectifier that changes the AC to direct current.

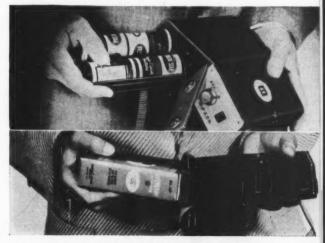
The D-Pak has as its primary power source four "D" photoflash cells. These supply approximately 6 volts. This current operates a vibrator-transformer-rectifier system to obtain high voltage DC.

What we tested

In evaluating the Strobonar Seven, the following questions were considered: 1. Does the unit provide adequate light despite its small size? 2. Is the illumination even, or are there hot spots? 3. How effective are the three kinds of power packs, and do (Continued on page 161)



Strobonar Seven is available with one of three power packs. Left to right: D-Pak, Pro-Pak, AC-Pak. Each is designed for a different type of picture-taking requirement. Flash duration is 1/2,000 second with all packs.



 \triangle Four "D" cells slip into D-Pak as unit. Pro-Pak uses 510 volt battery; cord connects through hole at right. Gun has neat, compact, gray plastic housing. ∇



NEW LINE OF REPORT OMEGA ENLARGERS

Three enlargers at right are most versatile autofocus family in existence. Manual focus B and D sizes are also available. Compact A-2, below, is newest model.

A-2, manual focus Minox to 35mm

counterbalance spring

single triangular girder

removable baseboard

red filter

lamphouse

color

B-7, autofocus 35mm to 21/4 x 31/4

lamphouse

magnification control

counterbalance

focusing

track

lock

spring

double girders with gear tracks

rapid-shift film holder

rotating base

HAVE YOU SEEN any new Omega enlargers recently? If not, you're due for a big surprise next time you take a look at one. For Simmon Brothers, Inc., of Long Island City, N. Y., have completely redone their famous line of enlargers, and have added a new, mighty midget to the family of big fellows.

The result: A family of autofocus and manual focus enlargers which can handle any film size from tiny Minox to 5 x 7 inches, with design and construction features that make them unique among the world's photo-

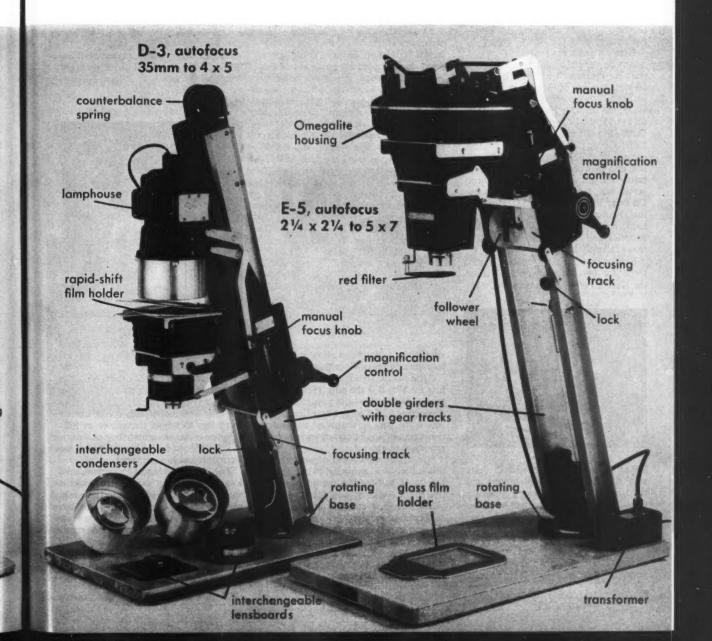
graphic equipment.

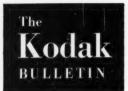
There are seven models in the new Omega line, identified by what at first appears to be a bewildering code of letters and numbers. Actually, it's very simple to sort things out. The letters indicate the film sizes which each model will handle—starting with "A" for the smallest and working up to the giant "E" (see photo below).

There used to be a "C" series for "up to $3\frac{1}{4}$ x $4\frac{1}{4}$ " negatives, but it was discontinued some years ago. The numbers identify different versions in the same size class, the highest number going to the latest version.

It so happens that all currently made odd-numbered Omegas are autofocus, while the even-numbered ones are focused manually. Thus the D-2 and B-8 are manual focus versions of the autofocus D-3 and B-7 models. There is no autofocus edition of the A-2 at present, and no manual focus companion to the big E-5. Having settled who's who among the Omegas, let's see what makes these enlargers unique.

General construction: Examination of an Omega enlarger indicates that it is very likely to outlast the person who buys it—even a very young person. Simplicity of design, choice of materials and their generous proportions, careful workmanship— (Continued on page 163)





Holiday Boxes &

—plus some immodest claims and vigorous talk about the unblushing Kodak Signet 35 Camera...the snap-feed, hopper-sorting, impeller-cooled projectors that now come in six combinations of wattage-lens-single-or-magazine-loading...the two-foot library of What Every Young Photographer Should Know...big roll-film color shots with the new high speed Kodak Ektachrome Film...and a very Merry Christmas!

Christmas rash

Last year at this time we said, "Never in all our born days have we broken out with such a rash of excellent camera outfits." Must have been contagious. They were so popular they made over two million people happy.

This year we've outdone ourselves—broken out in a bigger and better rash of outfits. They're the best answer we know to the Christmas shopping problem—the natural gifts for you to give.

Here's a quick rundown:

Any boy or girl would be given a good start on the most wonderful hobby of all with any one of these four flash outfits: the Brownie Holiday Flash Outfit. \$9.75: the Brownie Hawkeve Flash Outfit, \$14.35; the Brownie Bull's-Eve Flash Outfit, \$18.60; and the Kodak Duaflex Flash Outfit, \$21.75. All four contain camera, flash unit, flash bulbs, batteries, film and instruction booklet: all neatly boxed and gift wrapped. (If you want to go all out, there's the Kodak Duaflex De Luxe Flash Outfit for \$31.95. It has the Duaflex Camera with a Kodar f/8 Lens, field case, flash unit, flash bulbs, batteries and film.) Duaflex outfits in brown, slightly higher.

For your wife, or a special friend, there are two more-advanced outfits: the Kodak Pony 135 Camera Outfit for

TO THE PARTY OF TH

\$49.65 (with the new Model C Pony with f/3.5 lens and 1/300 shutter) and the Kodak Town and Country Camera Outfit with the Kodak Bantam RF Camera for \$65.45. Each includes field case and flash unit, in a really handsome package.

Then, for the ultimate in photographic giving (a gift you may well want for yourself), there is the Kodak Signet 35

Camera Outfit for \$91.45 and the Kodak Stereo Outfit for \$97.25. The Signet 35 Outfit includes camera, carry case, and flash unit. The Stereo Outfit includes the Kodak Stereo Camera and a Kodaslide Stereo Viewer I.

If, two days before Christmas, you haven't finished your shopping, don't say we didn't warn you. Go down to your Kodak dealer's while there's still some time left and look over the Kodak outfits he has on display. You'll get a good share of your shopping out of the way with one step.

No shrinking violet

When you have a winner, there's no point in false modesty. The Kodak Signet 35 Camera is a winner, and here's



what we're telling folks about it in photographic salon catalogs this year:

"The Kodak Signet 35 Camera, above, lists for \$75. It is the only 35mm miniature camera on which you can get a Lumenized f/3.5 Kodak Ektar Lens. This lens is the peer in sharpness and color correction of any miniature-camera lens anywhere at any price.

"To assure perfect performance from this superb lens, we put it in a lifetimelubricated ball-bearing mount which is free from slackness and 'play,' and is velvet smooth in summer and winter.

"For further assurance, we combine the eye-level viewfinder with a clearvision split-field lens-coupled rangefinder. And we build this rangefinder with special self-centering V-bearings which, like the lens mount, are free from all 'play,' assuring the utmost accuracy in ranging.

sl

m

ma

CO

flu

Ar

DE

"Dollar for dollar, we regard the Signet 35 Camera as the best value in the whole miniature-camera field. You can spend more; you can buy more lens speed and gadgets; but you cannot buy finer lens quality in any miniature camera, no matter how much you spend. See your Kodak dealer, try a Signet, and find out for yourself."

Them's strong words, podner; but the Signet 35 has the stuff to back up every word, all the way.

Goat story



You've heard the story about the Vermont goats. They've lived so long on the hillsides that their legs are shorter on one side than on the other. Well, the Kodaslide Signet Projectors have the goats beat six ways running. For they not only have individually spring-loaded front legs to adjust themselves to hillsides or armchair arms; they put on a 2 x 2 slide show the like of which no Vermont goat has ever seen.

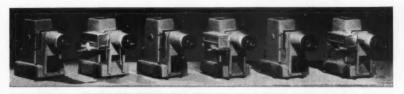
The Kodaslide Signet Projectors have lots of interesting features. There's a snap-action feed so fast you can hardly see the Grand Canyon change to the Grand Teton. A hopper hands you your slides back in original order. A recall lever brings back the slide you put in upside down or backwards, and a clearance lever drops the last slide out. The special impeller-type blower and extra-

Hot Molecules

thick heat-absorbing glass pamper your slides as nothing else can. And the close-coupled *Lumenized* condenser system puts more light on the screen than you'd believe possible.

The Kodaslide Signet 500 Projector, goat legs and all, costs \$72.50 with an f/3.5 lens; \$79.50 with an f/2.8 lens. The

Kodaslide Signet 300 Projector is the same in most details except for a 300-watt bulb and less cooling requirements, and costs \$59.50. Your Kodak dealer can show them to you. (Incidentally, you can have either the 300, or the 500 f/3.5 or f/2.8, with automatic slide changer at modest added cost. **)



Molecular coat

Unlikely as it may seem, there's a connection between the *Lumenized* coating on Kodak lenses and the mirror-like *Lumaclad* finish on Kodak Flasholders. They're born in a hole in the air.

It works like this: when you heat a metal under ultra-high vacuum—about 1 billionth of atmospheric pressure—the metal doesn't just melt down into a puddle. It evaporates! If you put a piece of glass or plastic material in the vacuum



chamber, the metal condenses on the material to form a microscopically thin coating only a few molecules thick.

We use this technique to coat Kodak Lumenized lenses with just the right thickness of some material like sodium fluoride for exact optical characteristics. And the coating is firmly bonded to the glass to form a hard surface.

The same vacuum technique, using

evaporated aluminum, puts the shiny surface on the reflectors of Kodak Lumaclad Flasholders. The surface doesn't tarnish, and reflects so well that it is ½ stop more efficient than old-style reflectors.

This vacuum coating is tricky business. The coatings must be absolutely even and just the right thickness. We helped pioneer the process years ago, and have been using it ever since. That's one reason why we're able to *Lumenize* relatively inexpensive lenses like the one on the \$22.50 Kodak Duaflex Camera, f/8, as well as the Kodak Ektar Lens, f/3.5, on the \$75 Kodak Signet 35 Camera. And that's why we're able to put Lumaclad reflectors on inexpensive Kodak Flasholders.

Two-foot shelf

Anybody who is serious about his avocation, whether it's archeology, astronomy, philately, photography, or what have you, knows the importance of having a good basic library of reference material on the subject.

Here's the list of books we think every photographer ought to have. How does it compare with what you have?

Kodak Reference Handbook, Volumes 1 and 2. Over 450 pages on Flash Technique; Kodak Lenses, Shutters, and Portra Lenses; Kodak Films, Filters and Pola-Screens; Enlarging; Kodak Papers; Processing and Formulas; Copying. \$4 for each volume.

Kodak Color Handbook. Has 248 pages including Color as Seen and Photographed, Color Photography Out-

doors, Color Photography in the Studio, and Kodak Color Films. Over 100 full-color illustrations. \$4.

Kodak Photographic Notebook. A loose-leaf file for new literature as it comes out, and for your own personal observations, notations, and data. \$1.50.

Bigger and Better, the Book of Enlarging, 256 pages covering both the techni-



cal and esthetic aspects of enlarging. Reviews processes for making good pictures better, including dodging, flashing, toning, intensifying, etc. \$2.95.

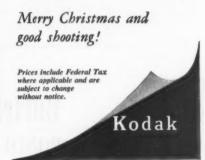
The Complete Book of Lighting. Discusses the nature, function, and correct use of light. Covers every phase of the subject including lighting for color and motion pictures. 256 pages, \$2.95.

This is Photography. A basic text on all aspects of photography written in a highly entertaining manner. An excellent refresher and wonderful source for ideas, 260 pages, \$2.75.

More color

Our new, fast, high-definition Kodak Ektachrome Film being available in 120 and 620 roll-film sizes has started a lot of people shooting big color who have only done black-and-white (or 35mm color) before. This new film in effect boosts your f/4.5 lens to about f/3.5, and takes your f/3.5 up to about f/2.

If you use a roll-film camera that takes 120 or 620 film, and has a good f/marked adjustable lens, try a few rolls of the new Ektachrome Film. You'll get some gorgeous transparencies under conditions you couldn't even attempt before. You can shoot big transparencies as easily as miniatures. And you can process the film yourself, or let your photofinisher do it for you.



EASTMAN KODAK COMPANY, Rochester 4, N. Y.

World's finest Cameras



These three Rollei cameras provide a wide selection for discriminate gift giving. All have the famous Synchro-Compur LVS shutters with automatic speed/stop selection, and other exclusive Rollei features that make picture-taking easy and sure. Whether for the family picture taker, or the advanced worker, no gift will prove so welcome as a Rollei.

See Rollei cameras at your dealers today, or write for literature.

Burleigh Brooks, Inc. 10 West 46th Street, New York 36, N. Y.

West, Alaska & Hawaii: PONDER & BEST, INC. 814 North Cole Ave., Hollywood 38, California

Dr. Cinema says:

You can go from long shot to close-up in one sweep by putting your camera on wheels

You are looking at a film showing a long shot of a crowd, when gradually you find yourself being transported right into the middle of the group. You are no longer looking at the crowd from a distance. Through a smooth transition from long shot to medium shot to close-up, you are an intimate part of it. No breaks in continuity, no dissolves, no switching of lenses.

For this effect, professional movie makers use dollies and booms to give their cameras locomotion. The dolly, a rubber-tired vehicle that carries the camera smoothly forward or backward, makes it possible to move from long shot to close-up without changing lenses. The boom mount allows the cameraman to start filming from above his subject and then to move down for extreme close-ups. You can do the same thing with your home movie productions—perhaps not to the extent that professional equipment permits, but enough to give your films something of the emotional quality.

Your camera on wheels

Let's suppose you plan to shoot footage of your youngster hard at work over his studies. You need a long shot to establish his surroundings, followed by a medium shot to point out the center of interest, and a close-up to catch that look of complete concentration. Ordinarily, you would either switch lenses or move in closer for each shot. But both methods mean a break in film run. You would like to shoot the whole business in one sweep.

What can you use for a dolly?

Mount your camera and tripod on an express wagon-the kind in which kids usually tear down the streets. Lighting can be evenly diffused through the entire room by pointing floods at the ceiling. To assure maximum sharpness throughout the shot, determine the footage setting at which you will get the maximum zone of sharp focus (depth of field). Make sure your setting will assure sharp focus at the farthest point you are shooting from and the nearest point. Have someone push you across the floor toward junior with the camera running. Move slowly to avoid too rapid a transition. Remember to let the camera run a few seconds before starting to move and allow a few seconds running time at the end.

There are several other ways to give your camera mobility. Even Hollywood has resorted to some pretty ordinary items for camera movement. James Wong Howe, Cinematographer, in shooting *Body and Soul* a few years ago, used roller skates to move about the ring for the big fight scene.

Automobile as a dolly

Many amateurs have discovered the carpod, a simple homemade device for affixing camera and pan head to the car window. Just remember to let someone else do the driving while you are doing the filming. The car-mounted camera can be great for shooting travel continuity. Aim the camera straight ahead at road signs, building clusters, farms, and other highway subjects. The car acts as a dolly. A smooth highway is essential for good footage. If you have a station wagon, you can set camera and tripod in the rear for shots of following cars, passing scenery, and recently visited spots disappearing over the horizon.

Tripod boom shots

Your elevator tripod can be put to work as a modified boom. True, it won't give you all the advantages of a man-carrying professional boom, but it will help to get boom shot effects into your films.

You want to shoot the cake-cutting scene at a birthday party. For the boom effect, you'll need a chair to stand on and an elevator tripod.

Set the camera and the tripod on the floor in the regular way. Crank the elevator all the way down. Focus the camera on the cake; run the camera a few seconds in a fixed position; and car. The lens should be aimed toward the front of the train to get both locomotive and passing scenery. Start camera and train running. You might set the camera at 32 or 48 frames per second to compensate somewhat for bumpy rails.

You can use many things to put your camera in motion, people have tried kites, model railroads, automobiles, and toy carts. If you take a look around the house, you probably will find something that no one else has thought of to do the trick.

thought of to do the tric

Zoom lenses

Until now, we have been talking about methods of putting motion into your films without spending a lot of money. But, if you really want to do a professional job and have the money, the zoom-type lenses are for you. Modern's April, 1955, issue carried a complete zoom lens story.

Zoom lenses are variable focallength objectives. You can go from wide angle to telephoto in one long sweep just by moving a lever. Some of the elements are moved mechanically as you operate the lever, changing the focal length.

You might be shooting a beach scene. Just one person is walking near the water. It's a great mood bit, but you feel it will be spoiled if you move in with a camera or if you break continuity by shifting lenses and halting camera run. The zoom lens permits you to shoot a wide-angle scene, then to go right into normal and through to telephoto for your close-up, without interruption. You've done all this without once moving from the spot where you started to shoot.

All sorts of effects can be gained by using the zoom-type lenses. How would you inject the sensation of falling from a building into a movie? A zoom lens would do it. The first shot would be an establishing shot of the building roof. The next one would show the roof's edge and the street. All this has been shot with the zoom lens at normal or wide-angle position. Then, you start zooming, with the camera

MOVIE section >

then start cranking up the elevator, shooting all the while. Standing on the chair will help you to look through the viewfinder. You'll have to pan down slightly to keep the lens on the center of interest.

When you reach full extension, you should have cake, guest of honor, and hungry audience all in view. Run the camera for a few seconds and then start cranking down to a relative close-up of the knife going through the cake.

If you own an interesting model railroad layout, you can add the continuity missing from those travel films. Place your camera in a gondola pointed down toward the street, showing the side of the building. Let the camera run for a few seconds so that your audience can catch its breath.

The "how and when" to put movement into your camera has to be mixed well with good movie-making techniques. Zooming, whether done with a special lens, dolly, or booms, must be used with restraint. A few hundred feet of film shot with the movement idea in mind will go a long way toward teaching you its limitations.

Just remember that, with too much zoom, you are liable to have a seasick audience on your hands.

Peter A. Leavens is guest Dr. Cinema.

FAST NEW MOVIE FILM: ANSCOCHROME



ANSCOCHROME 16mm reversal movie film is the answer to an amateur moviemaker's prayer. It promises to go a long way toward delivering him from the insurmountable limitations of ordinary color film. Its 32 ASA rating makes it three times as fast as previously available color films. It has advantages that amateur filmers have been yearning for since the first day that color emulsions hit the market. You can shoot at smaller lens openings, under poor conditions, than heretofore possible.

Modern tested Anscochrome under a variety of conditions—some of them pretty bad for color shooting. We found it to be a tremendous improvement over films

employed as a basis for comparison.

It's difficult to pick out one single advantage that is more important than the rest—the film has so many. So let's start, arbitrarily, with latitude. Our tests indicated to us that Anscochrome has possible exposure latitude of one stop in each direction. Shooting in bright sunlight, Samuel Fass, prominent amateur whom MODERN asked to test the film, shot several scenes with normal, one stop over-, and one stop under-exposures.

While the normally exposed shots were the most satisfactory, we found results from one stop over- and one stop under-exposures were definitely usable footage. He tested color rendition in a botanical garden with a tre-

mendous variety of color. Results were more than expected based on current standards. For one thing, color rendition was surprisingly true to life. Anscochrome delivered results neither falsely over-brilliant nor dully opaque as we've often experienced with some other color films. Rendition of the primary colors was accurate. Another point in the film's favor is the ability of the film to differentiate between subtle shades of a color, particularly red. We made a comparison test of the old Ansco Color movie film and Anscochrome in relation to flesh tones. Ansco Color produced muddy, unhealthy-looking flesh tones while Anscochrome flesh tones were lifelike.

Anscochrome is no different than other color films, in that the best results come with shooting in bright sunlight. But sometimes that just isn't possible.

Anscochrome doesn't put sunlight where there isn't any, but it does the next best thing. We found color rendition under hazy bright and dull conditions to be better than could be expected. Shadow detail proved stronger, and where sunlight and shadow were intermixed footage was acceptable.

And then we started to try a few things that had always been considered a waste of film. We shot film at about 9 A.M. when it's generally impossible to shoot in color because you get an over-all red hue. The red hue was not completely absent but the results were good. Then we really started pushing our luck.

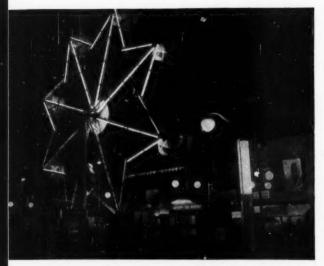
We shot 'way past the time when sensible people put their cameras away. Film exposed late in the day, almost at dusk, show some tendency toward redness or blueness.

Again results were acceptable.

The big surprise came at night. We fitted a Nominar f/0.95 lens to the camera and went to work at an amusement park. In most cases an exposure meter reading was impossible, so we just opened up all the way and started filming. In several instances results were close to being overexposed. Where we could take a meter reading we were able to shoot at about f/2.

But let's return to normal use of the film. Modern's tests in bright sunlight for normally exposed film required lens openings of between f/11 and f/16 at 16 frames per second. Under cloudy bright conditions openings ranged from f/8 to f/11. Other, slower color films usually require about f/5.6 to f/8 for average subjects in bright sunlight, and f/2.8 on dull days.

Right now, Anscochrome is available only in daylight emulsions. Anscochrome is made in 16mm 50-foot magazine and 100-foot roll film sizes. List price for magazines is \$6.95, rolls, \$10.40, including processing.—M. A. M.



This is the kind of picture made possible with the new Anscochrome movie film. Night shots show details instead of being merely interesting studies of light patterns.

MODERN'S COMPLETE MOVIE COURSE...

BEGINNING NEXT MONTH... The most complete movie course ever offered! PART ONE: How to Choose a Movie Camera. What you should look for, the kind of camera best suited to your needs and pocketbook, what is available. Your First Roll of Movie Film and What to Do With It. How to shoot it, how to view it critically. Learning from your first mistakes. Basic composition, exposure, choice of film speed, handling the camera.

AND IN FOLLOWING INSTALLMENTS . . . Through the entire year of 1956: How to buy and use a projector. . . . Exposure in color & black-and-white. . . . Choosing a film: the film you need, where it's available, how to use it. . . . Movie lenses: what focal length means, what lenses to use, how to use them. . . . Tripods: types and using them. . . . Composition and camera angles. . . . Editing & editing equipment. . . . Special effects. . . . Titling & titling equipment. . . . The care and cleaning of your equipment. . . . Sound: types available & how to use. . . . How to shoot: children, sports, documentaries, travel. Unusual conditions: low light, night movies, in snow, under water. If you're a movie fan, you can't afford to miss a single article!



PHOTOGRAPHIC IMPORTING & DISTRIBUTING CORP.

135 Broadway . New York 6, N. Y.



The Ednalite Dual Lens screws into a filter adapter. As shown here, it's in wide-angle position with the auxiliary viewer positioned correctly.



To use the Dual Lens for telephoto effect, you just turn it around and the auxiliary viewer is automatically adjusted when you make the switch.

Film wide angle-telephoto scenes with new Dual Lens

The Ednalite Dual Lens is an economical answer to the problem of the 8mm movie fan who wants three-lens versatility but doesn't have a turret-equipped camera.

The Dual Lens gives both a wideangle and tele-lens effect all in one unit that slips over your regular 13mm taking lens

Operation is simple. The screw-in, filter-holder adapter is mounted on the normal lens. Both ends of the Dual Lens are threaded for mounting on the adapter. The easiest way to check on which end should be screwed to the adapter for either tele-lens or wide-angle lens use is to look through the Ednalite Dual Lens itself. You find a definite telephoto view when you look through one end and a wide-angle view through the other.

When in tele-lens position on your normal lens the Dual Lens gives you a larger image size. In wide-angle position, the Dual Lens lets you shoot in tight quarters, getting more in the picture than with the normal lens alone.

If you use the Dual Lens with a focusing lens, you must adjust the distance setting on your distance scale. When using the tele-lens, find the camera-to-subject distance and divide by two for your focusing-scale setting. If, for example, camera-to-subject distance is 10 feet, with the telephoto in position, set the focusing scale at five feet.

In wide-angle position, find the camera-to-subject distance and multiply by 2. Thus, if the camera-to-subject dis-(Continued on page 106)



Normal lens shot without Dual Lens



Wide-angle shot with Dual Lens



Telephoto with Dual Lens in position

DO YOU KNOW THESE 5 FACTS

about the POLAROID® Land CAMERA with new panchromatic film?



This lens is coated on all six surfaces, has a resolving power of 40 lines per mm. It focuses from 3½ feet to infinity for pictures with remarkable detail. With the new highspeed Polaroid PolaPan Land film just introduced, you get tremendous depth of field.

Multi-speed shutter with speeds to 1/100 of a second, has been electronically tested to meet closer tolerances than any other shutter on any other camera. Panoramic views, action shots or portraits, this camera plus the great new film will give you magnificent results.

You set only one dial - which selects the right lens opening and shutter speed for any subject in any light. The new Polaroid PolaPan is so sensitive, you get excellent pictures on gray, rainy days . . . even take many indoor shots without flash. ASA equivalent -200.

You get a finished print in 60 seconds right out of the back of the camera -a beautiful picture that lasts like any fine print. And because you see your results on the spot, you don't have to cover yourself by taking extras. Copies and enlargements are easy to get, too.

New film gives you unusually sharp, clear details in brilliant sunlight and deep shadow even in the same print. Because it's panchromatic, skin tones are softer, more flattering. See all 3 Polaroid Land Cameras. Try them out. This one's yours for \$1.19 a week.

POLAROID CORPORATION, CAMBRIDGE, MASS.



Here's an for

THE ANSCO SUPER MEMAR

The first really fine miniature at a down-to-earth price! A beautifully finished, smooth-working 35mm camera that brings you all of these important features:

- * Brilliant coupled rangefinder and viewfinder combination.
- * Color-correct f3.5 hard-coated anastigmat lens.
- * Accurate 1/300-second shutter with M-X-V synchronization.
- * Fast-action thumb-lever shutter wind and film advance.

ALL FOR ONLY \$6950



The Ansco Memar

Similar to above, but with 1/200-second M-X synchronized shutter, and without coupled rangefinder. A wonderful value at

\$3950



The Ansco Regent

Fine folding miniature with an extra-sharp f3.5 Agfa Apotar lens that focuses as close as 42 inches. Compact and competent. Only......

\$5450



The Ansco Super Regent LVS

A real super model, with brilliant coupled rangefinder and viewfinder combined. Genuine §3.5 Solinar lens in 1/500-second Compur Rapid LVS shutter with coupled lens openings......

\$8950



The Ansco Karomat

The superb folding model with a brilliant coupled rangefinder-viewfinder combination and fine f2.8 color corrected anastigmat lens in 1/500-second Synchro-Compur shutter. Only......

\$11250

Ansco Camera anybody's Christmas!



THE ANSCO SUPER SPEEDEX

Other Ansco Speedex 21/4 x 21/4" Cameras

The Speedex "R"
Has fine f4.5 lens, built-in independent rangefinder, 1/300 shutter....\$55.00

The Speedex f4.5 Special Similar to Speedex

Similar to Speedex "R" but without rangefinder \$47.50

The Speedex f4.5 Similar, but without all deluxe features. A

real buy at . \$29.50



THE ANSCO VIKING f4.5

A real standout value among fine folding cameras! Makes 8 big 2 ½ x 3 ½ negatives on 120 roll film. Fine, hard-coated f4.5 lens in 1/200-second flash shutter. Eye level optical viewfinder. Sturdy construction, precision metal body. An excellent value at only \$44.50

Other Ansco Viking 21/4 x 31/4" Cameras

The F6.3 Viking
Identical to f4.5 model, but
with fine f6.3 lens in 1/200second flash shutter. An unbeatable buy at ...\$32.75

The Viking Readyses

An extremely easy-to-use folding camera with a minimum of adjustments. Has sharp fl1 lens in flash shutter. Only\$18.95

THE NEW
ANSCOFLEX CAMERA



A wonderful choice for people who "can't be bothered with complicated cameras." Easy to use reflex type, with biggest, brightest finder in its class. Has sharp two-element fl1 lens in dependable flash shutter, built-in double-exposure prevention, and convenient ratchet-wind film knob. Sturdy metal clad construction, with smart gray and

gift item for only \$15.95

Also, the New Anscoflex II Camera

with near-far focusing adjustment, and built-in yellow cloud filter. A fine value at......\$18.95

Be sure to see the complete line of Ansce Cameras and Camera Outfits

PRICED FROM

\$485 TO \$11950

• Binghamton, New York. A Division of General Aniline

& Film Corporation. "From Research to Reality."

APHY

Now! A Completely Self-Contained Speed Flash at a New Low Price!



SUN-LITI "500"

\$4950 less Bottery

Easy to Use...No Flash Bulbs to Buy!

And You Get Perfect Pictures Every Time!

FIRST self-contained all-at-the-camera unit. No pack to carry.

FIRST truly lightweight Speed Flash — weighs only 36 ounces — no bigger than a Reflex.

FIRST 200-volt circuit with the new Sunflector that gives 50% more light than ordinary reflectors.

Takes color up to 15 ft. Black-and-white pictures at 50 ft. or more!

Here's an inexpensive speed light that gives you all the light you need with the new fast films. The "500" gives you perfect pictures . . . no burned out foregrounds, plenty of background, and best of all, it stops action cold, ends picture blur and camera tremble. Specially designed to fit the hand and balance your camera, the "500" is the ideal speed flash for 35mm or Reflex cameras. Beautifully finished in gray plastic head and handsome black Du Pont Fabricoid to match your camera. Its Eveready electronic flash battery gives you up to 1,000 brilliant flashes without a change of f. stop . . . so you've no misfires to worry about, no bursting bulbs, no burned fingers, and you're always ready as it flashes every time. What's more, it pays for itself in the cost of bulbs alone, with thousands of high-peak flashes for less than 1c per flash.

Ask your dealer to show you the full Sun-Lite line, from the inexpensive Flash Saver at \$39.95 to the new Sun-Lite III with a Kodachrome color guide of 80 to 100, or write for free illustrated folder.

HERSHEY MANUFACTURING COMPANY

2425 West Lawrence Avenue

Chicago 25, Illinois

DUAL LENS

(Continued from page 102)

tance is 10 feet, the focusing scale is set

When the subject is at infinity, no adjustment for either tele-lens or wideangle lens position is necessary.

No adjustment is needed or is possible with fixed-focus lenses.

The adjustable viewfinder on your camera can be used with the Dual Lens.

An auxiliary viewfinder for wideangle and tele-lens positions is available. It snaps on the barrel of the Dual Lens.

Distributors carry a variety of series ¼ filter-holder adapters to fit the Ednalite Dual Lens to many popular cameras. The lens comes equipped with leather case, guarantee, instructions, and lists for \$24.95.—ARNOLD KOTIS

STEREO GRAPHIC

(Continued from page 90)

served through a viewer." Just how true was it? The slides amazed us. Pictures taken at full aperture, f/4, appeared adequately sharp from about 7 or 8 feet to infinity! True, when you shut one eye or the other, the feeling of over-all sharpness disappeared. But you look at stereo with two eyes. No stereo camera with a standard system of focusing can produce as great an apparent depth of field at f/4 as can the Stereo Graphic. If there is a hitch, it occurs closer than 7 ft.

To take a portrait at four feet, the lenses must be stopped down to f/8. With the single shutter speed available,



your chances at close portraiture depend upon weather conditions, since the exposure must be f/8 at 1/50 sec.

Aside from the single limitation, the new stereo camera should prove excellent for the casual stereo snap-shooter who will not find the limits of close focusing a liability. Sharpness is not on a par with that obtainable from the best focusing stereo cameras, but the difference is not evident unless results from both types are compared in quick succession.

In short, the utter simplicity of this camera, its compactness and clever optical design should make it an ideal instrument for both the beginner in stereo or the more advanced amateur in search of an easy way out of his focusing and exposure dilemma.—H. K.



Atop stadium roof.
Mason (Right) works
his Exakta while
other photographer
uses a "Big Bertha"
with 20 inch lens.
Along with the
operator of the
Big camera a
spotter is
necessary to
record the
plays.

University of Conn.—University of Maine Game, taken with an Exakta from stadium press-box, 500th of a sec. at f:8, 185mm lens.

You can photograph it easier with an Exakta!

Newspaper photographer Wesley L. Mason gets thrilling, close-up action-packed football shots the EASY way with his 35-mm Exakta. "He gets such amazing results that other photographers sit up and take notice."*

You too can get perfect, action-packed sport shots, everytime, the easy way... with a 35-mm Automatic Exakta VX.

The Automatic Exakta VX with Penta Prism eye-level viewfinder and Split-image Rangefinder and 58-mm, f/2.0 Automatic Biotar Lens is priced at \$392. The Automatic Biotar Lens alone, \$162.80. • The Automatic Exa has most of the advantages of 35-mm, automatic, single-lens reflex photography in a camera foolproof enough for a child to use. The Automatic Exa with Penta Prism eye-level viewfinder and Split-image Rangefinder and 50-mm, f/2.8 Automatic Isco Westanar lens is priced at \$165. Automatic Isco Westanar Lens alone, \$69.50.





EXAKTA CAMERA COMPANY, 705 Bronx River Road, Bronxville 8, N. Y.

Exclusive Factory Appointed Representatives in the U.S.A. for Sales & Service of Exakta and Exa Cameras

o

d

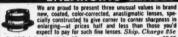
oa st T-

is tineo ch

Spiratone Christmas Shopping Guide

FOR THE DARK ROOM

SAVE 50% ENLARGING LENSES



DEVELOPING TANK

Simple bayonet lock for different size adfor different size adfo

If bought with tank
4 Stainless Steel Filmclips, ... 69c
16 oz. Acid-proof funnel,29c

AUTOTILT PRINT

WASHER

All metal 12:15

works in any
sink. If bought
at same time as

Wt. 3 lbn.

All metal 12x15" works in any sink. If bought at same time as any darkroom items of \$4.98 and up, only

DECKLE EDGE
TRIMMER
It's simple to trim
any picture, regardless of size and
obtain a perfect, straight, deckted-edge.

CALE ON RDAND NEW GROUND & CONDENSERS

\$10. Del. Mtd. 8h.Wt.
2" (35mm)....59c
2.95 1/4 de site.
3" (21/4" sq.) 79c
41/2" (21/4 x 31/4") 4.88 s toe.

ALL METAL

Salid frame guide on 4 sides for proper alignment.
 Spring steel masking bands calibrated in inches and mm.
 Adjustable for all sizes from 1x1" to 12x15".
 White anamalad

11 x 14 EASEL

ELECTRIC 2-SURFACE DUO-DRIER



795 DUTY FERROTYPE

PLATES AND STAND
Yes, Spiratone does it again! A
complete, ready-to-use, double
ready-to-use, double
ready-to-use, double
ready-to-use, double
the standard of the standard of the
structed, yet as efficient as units
costing several times as much.
Weight 10 lbs.
Weight 10 lbs.

SINGLE SURFACE DRYER

with 12x17
ferretype plate,
Suggestion: Bettle of Ferretype
Palish 35c. Stainless Steel Squeegee Reller 95c

35mm DBL. \$2695 CONDENSER ENLARGER

Ctd. f:3.8 lenz.
All metal construction, 24"
post, 13x16 hape board.
Fine beliews, sisy to grip focusing kneb.

Never before such a value. Spe-cial lamphousing louvres for cool-ing, glassless negative carrier, plus a double condensing system for extra brilliance, plus a 2" for extra brilliance, plus a c f.3.8 coated enlarging lens—all in our low \$26.95 price.

21/4x31/4 Double Condenser Model with 31/2" F:4.5 \$3495 Shpd. Exp., Chgs. Collect



35mm model complete with lens
—while our stocks \$39.95
lasts, was \$60.00 21/4x21/4 model, complete with ens, double condenser — while our stocks lasts, \$49.95 was \$75.00

3 for 54.19

proof plastic, with rainfactory acid-proof plastic, with reinforced ribs, handy pouring spout. Shpg. Wt. 10 lbs. 8x10 Trays 3 for \$2.39. Shpg. Wt. 6 lbs.

FOCUSING AID

\$1.00 A \$2.25 value.

Sh. Ch. 150

HYPO TESTER \$10

A hydrometer-type device which instantly shows correct fixing time. Helps eliminate stained prints and wasted hypo. Sh.Ch.10c

STATIC BRUSH
S299 of bought with - other equipment Retractable, emits radiactive rays. To clean lenses, slides negatives?

ALL METAL SAFELIGHT \$2.95

Comes complete with one filter for enlarging and printing, accepts standard Kodak 3½ x 4¾ filters (any color—51.35). Swivels to desired angle.

With Safelight: Special PANCHROMATIC Safe-light Bulb, a \$1.00 value! Shg. Wt. 5 tbs.

PRECISION CHEMICAL SCALE \$395

Every photographer knows the savings resulting from 'mixing his own'. This new import is extremely accurate (no springs), is graduated to 250 grams. Cup is removable, two legs turn for flat, compact storage. All metal construction. Sh. Wt. 1 lb.

7 PC. ENLARGER ACCESSORY KIT

THE ST. Argue Print Washer, fits faucet, a \$3.00 value.



TMPORTED STAINLESS
STELL DEV TANK 15.95 campl, with 35mm; Stainless steel developing equipment has always been preferred by meticulous photographers; it is rust and corresion-proci, unbreakable, quickly cleaned and dried. The refar are easily loaded. Daylight filling, free circulation, ideal for black and white or color. Extra Stainless Steel rests, specificated to the color of t

CHANGING BAG

ONE OF THE MOST IMPORTANT

Bushis zippered inner and other hage, made of the finest cleth, make this hag 160% light proof even in brightest sanlight. Whether for dase in a mergency, with a film form or pulled off the spool in a Samm camera, or for reloading cut film holders or for developing film when no darkroom is smallable... the changing bag is suitarly referred to as a "portable darknoom". 17-116" working space

justy remrise us a plus electric sleevs. Mr. blue electric sleeves. Mr. blue ele

• White enameled base. Extra sturdy finet weight 4 lbs.). Flug enlarger cord into foot-switch and you are ready to dodge, wight and fully control your blow-ups. Combined Ship. Wt. 6 lbs. Ball Enlarging Essel, same construction as above, with feetswitch. 3 UNIT REFLECTOR OUTFIT \$5.49

reflectors #1 or #2 bulks One bullet reflector

three complete with swivel joint, switch, socket, clamp and coi. at a fraction of their usual cost. Shipping Weight 7 lbn. SUBRESTION: 2 \$2, 1 \$1 phetafleed bulks 80c.

LUMITROL DIMMER HI-LO SWITCH Allows for comfortable focusion

PHOTOFLOOD STAND PLUS TWO

- 3-section metal stand extends 6'4".
- · Sturdy, braced legs with rubber tips.

Sturdy, braced legs with rubber tips.

Stand telescopes compactly to only 2 feet.

Pastive locking at any desired height.

The ideal indoor lighting setup. 2?

The crosshar, can also be used in also be used in crosshar, can also be used in a second being the crosshar can also be used in a second being the crosshar can also be used in a second being the crosshar can also be used in a second being the crosshar can be used on cross but or humiture. Sixpipring Weights: Stand & Ibe., Reflectors & Ibe.

Superstor. 2 ff physichled bulbs.

Extra clamp an height with bulb the posit-path.

1.76

Extra photoficed stand with swivel crossbar.

Ut to 70% off! 2x2 Color-Slides for as little as 3c 2 x 2" 10 PC. N'ATL. PICTURE SLIDE SETS

Ves, these famous sets of 2 x 2" full color slides of which hundreds of thousands have been sold at \$1,00 which hundreds of thousands have been sold at \$1,00 mer 10 are now brought to you at less than half progress countries. Seenics from all over U. S. and many foreign countries. Seenics from all over U. S. and many foreign countries, and children's stories. Each number contains 10 diff. slides. Chease from these:

GROUP F

GROUP F GROUP E 2. N. Y.'s Hudsen 2. N. 1-3 Hudson Mix.
30. Great Smokey Mix.
31. Notro Bane Univ.
34. Colorado & Extes.
N'11 Pari.
35. Kansas City, Me.
35. Wisconstin Dells
40A. Atlantic City.
39. Wisconstin Dells
40A. Atlantic City.
Religious Swines
47. Inside Vatican City.
Religious Swines
47. Inside Vatican City.
88. Gence & Columbus
180. Mexica, Fourist
181. Westernia Mexica
205. Newfoundiand

GROUP E

Strines, Wash. DC 81, 82, 83

Rodeo in Calif

Rome, Italy

Rome, Italy

Rome, Italy

Rome, Italy

Rome, Italy

101, Laire, Egypt

102, 111, Bombay,

State Bidg,

State Bidg,

Times Square to
Carttar Farzh

Contral Farzh

Portuge

13, Alexa

145, Astria

145, Astria

State Bild.
9. Times Square to Central Park
13. Bryce Caryon
14. 14A, 14C.
14. 14A, 14C.
15. Washington, D. C. 15. Listhon, Portugal
15. Austria
15. Austria
15. Austria
16. A

Mich. 60. Madrid, Spain 70., 71., 72. Ireland

C-9 Tarzan C-10 Fun at the Fair C-11 Snow White C-12 3 Caballieros

Our stocks of Group E slides are rapidly dwindling—so be sure to state a few alternates with your order. GROUP E -Any 4 sets (48 slides) \$2.46-. Any 8 sets (80 slides) \$4.00

GROUP FI — Any set anly 30c, if purchased with 4 or more Group C sets.

All slides have subject matter imprinted. Any two sample sets (20 slides) \$1.35 ppd. Shipping Chges: 4-6 10c, 8-12 30c

NEW WINTER 1955-56 CATALOG "CS". Order years today. Only Sc per capy—10c back on first purchase! Contains a wealth of interesting accessories at fabulously low prices?

for the twin lens reflex camera fan



84 54

A flat thin Fresnel ring plate which fits over groundglass in your reflex camera, greatly increasing brillisons of the more brighter in installation—last drop fieldlems onto groundglass. Nestender in installation—last drop fieldlems onto groundglass. Nestender in installation—last drop fieldlems onto groundglass. Nestender. For Rollei, Graflex "82", Ciroflex, Ricohflex, Argolflex, etc.

MAGNIFYING HOOD \$2.95 PPD FOR ALL TWIN LENS REFLEX CAMERAS

FOR ALL TWIN LEWS REPLEX CAMERIAS
Twin magnifer makes possible accurate focusing and
composing of entire groundglass image with BOTH FYES
and at comfortable distance, while protecting groundglass from glare. Saves syestrain, helps accuracy, dim light for
instantly removable and collapsible. For Rolleis, Graflex 22, RicCOMBINATION OFFER: Magnifying Blood plus Fairfeleas.

AUX. TELEPHOTO and WIDEANGLE LENSES

for Rollei (except 2.8), Cirollex, Graffex 22 . \$ 6.954 or \$29.95 for set, in double leather case.

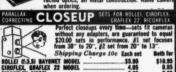
35MM FOR ALL TWINLENS REFLEX CAMERAS

Without installation, the Minidapter enables you to use 35mm in your 120 Rolleifler, Rolleicord, Ciroflex, Graffex 22, Fleekrap-yet, you can change back to your regular size any time you Minidapter comes complete with groundglass mask and septider, for vertical and hori-

21/3 SO. GLASS BINDERS AS 10W AS C Ea.
At last—an economical type-on mount with 234 × 234 the unit of a control dimensions to fit standard viewers, projecters. Each birde comes complete with two glasses. Shipp. Wite. 4, 7 and 118 lbs.
50 far 33.85 — 100 far 36.49 — 400 far \$220.00

EYELEVEL FINDER for ROLLE! CIROFLEX.

\$795 At last — an expensively finished optical device which shows a right side up image for easy eyelevel facusing!
Clips instantly on and off Rollei hoold Highly corrected optics, all metal construction. Name camera



7 SECTION POCKET TRIPOD \$6.19

Folds down to 8" and right into your pocket!
 7 sec. extend to 4 ft. Stardily supports 35mm and light
214 x 314 cameras Subber tips: leg stops.
 Wt. 15 cas. Sh. Chgs. 35c.
 With Accura tiltop, \$8.95

SAVE 50° AND MORE ON POLAS CREENS
The next useful lens accessary made, equelty sairled for Aul color and blaw films.

Eliminates reflections in scene.

wy, water, show-windows, increases contrast between cloud and sky, the OMIV sty filter usable yeth Modachreme, Ansocoolor, Ettachrome, Polascreens have double threaded rings to allow use of extra filter or closup lens, handle or convenient adjustme t. of maximum polarizing effect. Sh. Ch. 10c.

WESTER WILE, Delica stars after with Polascreen, Ser. V er VI. 30c.

SALE IN OPTICAL GLASS FILTERS

Filters are the tools of the photographer—yet, fine filters, made by the best known manufacturers in the country, need not be costly. Each filter is ringmounted, and angraved as to type.

FREE last Filter Compartment of the country, need not be costly. Each filter is ringmounted, and angraved as to type.

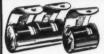
FREE last Filter Compartment of the country need not be costly. Each filter is ringmounted, and angraved as to type.

FREE last Filter Compartment of the country need not provided the country need to
Skipping Charges 1 to 5 filters 10c, 6 or more 30c.

Looking for a Stroke? Confused by exaggerated claims, nical terms? Write for free pamphlot "5"—you'll know what to look for!



Spiratone AUX. TELEPHOTO and WIDEANGLE LENSES



SPIRATONE LENSES

OFFER THESE EXTRAS:

Built-in or Separate Filterholder furnished for each (set of) lens(es) of termined for each (set or) lens(es)

Interchangeability of standard adapters, so that one lens may often be used with several cameras (each lens is supplied with enly one adapter—extra adapters are \$1.25 each, when suited). Extra hard S-coating.

· Excellent color-O Lifetime Service

Guarantee.

No change in exposure or lens opening needed.

GREAT NEWS

GREAT NEWS
Spiratone aux. telephoto and wideangle lenses, greatly improved, are now available at the same low prices for 24 x 224 twinters Great Reflection of the same low price of the same low prices for control of the same low prices for twintens users seeking a moderate increase or decrease in focus length, Spiratone aux. lenses add greatly to the versatility of their camera.

FOR COLOR — FOR BLACK AND WHITE

BLACK AND WHITE
BLACK AND WHITE
BLACK AND WHITE
BLACK SHOW SOME A STATE OF THE STAT

universal AND UNIVERSAL AND UN

era like filterholders, require no stability of Marches velocution for stability of Marches velocution for superior of the stability of Marches velocution of the stability of Marches the stability of the stability of the stability of Marches the stability of the stability Each lens in leather case (incl. 2 filters) \$16.95

SPIRATONE AUXILIARY LENSES
ARE AVAILABLE FOR
THESE 35MM CAMERAS
AND MANY OTHERS

MINUS LENSES for TELEPHOTO EFFECTS



If you have a comera using, or capable of using a bellow of the thrill of taking take photo abots without buying a regular telephoto shots, in conjunction with your telephoto must senie accesses owners with incident the capable of the

ACCURA REFLEX HOUSING

Shipp. READY TO USE—WITH DUAL

Chg. 81.00* RELASE SYSTEM

Never before could so small an investment change your Laica, County on the Shippe from country through adjustable magnifier on bright. Country through adjustable magnifier on bright. Country through adjustable magnifier on bright. Country grounds, set us release, mirror jumps up, exposure is made of exact image you, saul liss with extension tubes or hellows for closeous with sancial 135mm tele lens for complete closeup to infinity range.

SAVE MORE STILL BY BUYING COMBINATIONS FFIEX
HOUSING
+ Special ctd. 135mm (5.2 SUM tole 09.55
135mm (4.5 telephole 7.3.6 SUM tole 15.4 SUM

SYNCH YOUR OLD LEICA, CANON

FOR FLASH OR STROBE

No installation—just one quick adjustment over release butten and you are all set for flesh shots of speeds to 1700th. Fisper accepts standard flashcord—or buy from us with flashgun to flacescessory clips.

No installation—just one quick adjustment over release button and you are all set for flesh shots at speeds to 1/20th. Tripper accepts standard fleshcord—or hely from us with fleshgun to flesh accessory clip.

SERVING SERV

CLOSEUPS ARE SIMPLE DELUXE COPYING STAND Designed by us for use in conjunction with closeup

and inexpensive, when you buy your closeup accessories from Spiratone, the only firm special-ized in low-cost closeup photog-raphy equipment.

With C clamps, fits copy-stand or enlarger pole. 2 bullet reflectors, \$1.50 addl. Sh. Wt. 4 lbs.

DELUXE COPYING SYAND

Besigned by us for use in

'conjunction with closeup
Jenses, extension tubes, to
complete with a moderate
investment, your closeup
and copying equipment.

'yet compact in closeup
and copying equipment.
'yet compact in closeup
and copying equipment.
'yet compact in closeup
in yet scientific work and movie
titting. Camera bracks termits
cantering of camera over subject.

ISUS 'bashboard is very practical for large originals, 1½", diameter pole is 38" high. Skippring Weight 11 lbs. or send 25c for GLOSE.

UP DICTIONARY... Contains all n eded tables for

EXTREME CLOSEUP LENSES

con be used with any camerawith the greatest of ease and
with no extra accessories. You
can get as close as 8" with a
Plus 4, 7" with a Plus 5, 5½,
10. You can use two extreme
closeup lenses, with a flus 5,
10. You can use two extreme
closeups lenses, with a flus 5,
10. You can fill the complete
asing ring, for even more extreme closeups. With a Plus 5,
10. You can fill the complete
asing ring, for even more extreme closeups, with a Flus 5,
10. You can fill the complete
asing ring, for even more closeup
sociars. Extreme Closeup lenses
make macrophotography possible
Plus 10. The close is just
right for insects, stamps and
coise. Extreme Closeup lenses
make macrophotography possible
Plus 10. The close is just
sight for insects, stamps and
posterior closeup lenses
make macrophotography possible
Plus 10. The close is just
sight for insects, stamps and
solve in the close is just
right for insects, stamps and
solve in the close is just
sight for insects, stamps and
solve in the close is just
sight for insects, stamps and
solve in the close is just
sight for insects, stamps and
solve in the close is just
sight for insects, stamps and
solve in the close is just
sight for insects, stamps and
solve in the close is just
sight for insects, stamps and
solve in the close is just
sight for insects, stamps and
solve in the close is just
sight for insects, stamps and
solve in the close is just
sight for insects, stamps and
solve in the close is just
sight for insects, stamps and
solve in the close is just
sight for insects, stamps and
solve in the close is just
sight for insects, stamps and
solve in the close is just
sight for insects, stamps and
solve in the close is just
sight for insects, stamps and
solve in the close is just
sight for insects, stamps and
solve in the close is just
sight for insects, stamps and
solve in the close is just
sight for insects, stamps and
solve in the close is just
sight for insects, stamps and
solve in the close is just
sight for insects, stamps and
solve in the close is just
sight for ins

Plus 102.65 ...3.25 ...5.25 Dbl. Ret. Ring .8595 ...1.50

CLOSEUP (Portrait) LENSES

(Portrait) LENSES
bring within every photographer's
reach subjects which would be
too small if photographed at ele
too small in the small in the ele
too small in the small in the ele
too small in the el
too small in the

Reg. . Deluxe Ser. IV1.15 Ser. V1.00...1.39 Ser. VI1.25...1.59 Ser. VII2.00...2,88

Pies 1 facuses from 38" to 28", Pies 2 from 20" to 13", Pies 3 from 13" to 10"—for versatility, you will want set of all three Clessup Lenses. Shpg. Chgs. 2-4—10c.

6-PC. EXTENSION TUBE SET

for Kine Exakta, Exa. This set contains two precision-fitted brats adapters and four tubes, similaring, similaring, similaring, providing the foundation of the set o

4-PC. EXTENSION TUBE SET

for Praktilea, Praktiflex FX, \$695. This exceptionally well-ends are includes in addition to the usual Sann, ISmn and Somm tubes, the spentiting up to 2X magnification, when the compiles set IS used: a tipy object, 4½ "x %" can be made to fill the entire 3Smn eaglive or transparency! Shipping Charge 3Sc. Sann set, but with one FOLUSINE UNE, alone a \$10.00 \$95 value, increasing maximum criterable to 100mm. \$9.95 cessory 3-pc, set

LEICA, CANON 4 PC. EXT. TUBE SET, INCL. ONE \$ 10.75

COMB. OFFER: Ground Glass Focuser + 4 pc. Metal Extension

GROUNDGLASS FOCUSER to CONTAX II. IIA, III. GONTAX II. IIA, III. GONTAX III. III. GONTAX III. III. GONTAX III. G Permits checking of \$4.95 lenses, composing, fotomas, effects, focusing for clossus, the control of the contr

PROXISCOPE SR. 54.95



Withlewating action
An absolute must for any kind of coiseup and copy work. Doubt repeat of the work of the coiseup and copy work. Doubt repeat of the way and the coiseup and copy work. Doubt repeat of the way practical period with the coiseup and copy work. Doubt repeat of the way practical period with the coiseup and copy work. Doubt repeat of the coiseup and coiseup and the coiseup and coiseup and the coiseu

8



FX. Centax S. B. BA. Pastacen.

Moviaise for Hima. Centex III.(a). 11(a).

The most useful of ien-th-camera clossup accessories. It with the most useful of ien-th-camera clossup accessories. It with a positive lock. A sturdy accurate frame assures proper alignment. An extension range up to 5" is provided, with exposure factors engraved on the track.

FREE PRINCECOPE R. a \$4.80 value.



135MM f: 3.8 TELE for LEICA S39 95

ed the sh sharpest lens you can buy....regarder-coupled, elegant lightweight lale....at an unbelievable saving! depth of field scale—at an unbelievable a Shipping Charge 75c Delume Leather Case \$3.00 Matching 135c nm Finder \$8.95

USEFUL ACCESSORIES

FAMOUS PHOTO ELECTRIC EXP. METER

Sensational import from Germany! A \$15.00 VALUE

Sensational import from Germany! A \$15.00
Sturilly constructed, with super sanitive electric eye for maximum \$5.59
range!
Sattings from 1/1000 to 60 sec, f:1
b: 1.22, ASA 4 to 250.
CASE

to 1:22, ASA 4 to 230.

Most compact—2" x 3" x 1" and light: 4 oz. Snap open protective call cover, set desired shutter speed opposite pointer—and you are ready to read off correct opening for your film. One hand operation. One year guarantee by Spiratione and manufacturer. Sh.P. Cost 10e

METAL SNAKE CHAIN 5129

FOR EXAKTA, LEICA, RETINA, PONY AND OTNERS Smoothly suspends camera air chest height for wor carrying without case! Elegant, practical, safe and lu—at half the usual cost. Shipping Charge 10c.

KING SOL SOLENOID \$5.59 ppd

Assures perfect synch at all speeds with Graphic, Busch, Ciroflex Rapax, Rollei—the professional way. Instructions for press camera installation supplied—others have mechanic install. Was \$15.00!



TIME EXPOSURE & DELAYED ACTION

AUTOKNIPS II WAS 52.95

This most popular of all self timers in conjunction with a cable release, adds to your camera a feature many a photographer has paid a small fortune for: I slow speeds from ½ a second to ten seconds! Ship. Cost 10c CABLE RELEASES: 4" 25c .?" 35c 10" 45c 46" \$1.25



SYNCH YOUR OLD CAMERA

 Fully adjustable mechanical tripper, requires no installation, works through standard cable release socket of most old cameras. Has fitting for standard flash cord.

• Allows adjustment for flash builts and \$249 zero (X) delay for Strobe.

Tripper with famous make all metal flashgun (Flashgun only is \$8.95 value, has bracket, accepts screw hase builts; bayonet base \$4.95 adapter 30c) Shipping Weight 2 lbs.

KOILED FLASH CORD \$1.98

How available for most shutters. Sh. Chys. 10
Patented coiled cord extends to 3 ft.,
yet cells up without effort to only 7.
Sa-handy when you want to hold flash away from camera, place electronic flash closer to subject than camera! Available with standard to fit Comput. Province 3. ASA (Godals, Sciencial, Argan CA, Nikon, Realist, Prahtifles, Bolsey and Exakta synchronized terminals.

10 FT. CABLE RELEASE \$4.49

10 FT. CABLE KELEADE **9.47

A sturdily constructed, German cable for remote control work to operate with any Kodak or Comput type shutter. Imagine the many new possibilities this refease opens up for you—whether you photograph with animals, unsuspecting children at play or take a self-portrait, you'll find this release a value accessory. Calcia media and 25°C, Shipping Coed 55°C. Calcia media and 25°C, Shipping Coed 55°C. Calcia media and 25°C, Shipping Coed 55°C. 25°C, 25°C

Exclusive Spiratone Values! LEATHER GADGET BAGS

Made by the terement manufacturers in the field, and acclusively effected by us, through a special purchase, below or close to the usual wholesale prices. These bags are all brand one Wirt class merchandiae and to be confused with "specade" or "classout" in fleriter leather bags. Shpp. Wt. of Gadget Bags: 3, 4, 6, 6 and 6 land

SPS, A topgrain pigskin bag for the advanced anatour or professional, large enough for press cameras (ID* x 12" x 5"), or "for taking "both cameras" along, "Winparound" zipper, flashquan holder, shoulder gad. If you coulin't afford that 30,000 bag, you won't pass up the \$1395. ST at 540x sering.

\$F6. An over-sized genuine cowhide pressbag. 10½" x 14" x 5", largest size available in gadget bags costing normally \$4.00 to \$50.00. Adjusted strap runs around bettom of bag—no designment too heavy for this bag limide cover is a hattrycase holder, on sides are one large pocket for mater, two small ones for fifters. Adjusted inside partition, small ones for fifters. Adjusted inside partition, and the strain of the stra

SP6X-PANDO, the Spiratone miracle bag that 8-R-8-W-5, always making room for new equipment: Same size as the SP6 when X-PANDO zipper is closed, you can-add a full 4" to the bottom width, \$ 1975 an 80% increase is needed!

URN PAGE



ROOF PRISM FINDER FOR EXAKTA V. VX



with RANGEFINDER PRISM Latest German import! Replaces the waist level finder, shows unreversed, right tide up, brilliant image!

Spitt image prism rangefinder instituth shows correct focus. Roof Prism Finder without of \$16.85, Rangefinder with groundglass, for your Pentaprism Finder \$3.85 (no installation needed).

16" TO INF. 135 MM TELE OUTFIT

for Kine Exakta, Exa. Contax S. D. DA. Pentacon Made to our specifications, this superb coated, color-cor-rected lens gives a complete, uninterrupted focusing range from 16° to infinity, when used with a bellow sin \$33.95—without the need for adapters or closeup lenses. Outfit clickstops, and Folding Bellowscope. Shipping Charge 50c

FOCUSING REFLEX FINDER

FOR 35mm Had trouble using your reagefinder? Or accurately common the common state of
135mm REFLEX TELE for LEICA, CANON 559.95

For so much less than the price of a telephoto lens alone, you can now own a campite outfit for reflex focusing and composing, for closeups and for regular telephoto work. Focus through magnifier on curved groundglass, ear a complete range from closeup to infinity. The needle-sharp 135m 14.5 Coronal reash shar clickshops, is fully coated and color correct \$59.95 buys 4 pc. outfit, incl. dual cable release. Shpg. Chge. \$1.60

Stereo-Wideangle Lens Set \$29.95

Metched Widenungle Pair for Realist.
Revere, Hoce, Edins, Rodek, Grephic
How the famous Spiratone aux. coated, color
corrected widenigle lenses are available in
special matched ests for all 35mm sterec cameras
(except fi.28)! Spiratone aux. widenigle lenses not only
widen coverage, but greatly improve perspective, add to 30 effect,
increase depth of field enough for fixed focus! Shooting when desired.
Complete with eigant double leather case \$23.85. Sh. Ch. obc



906 ft. cap.]

Discast base comes readily apart for compact storage. Action Viseve has focusing AMD framing control, projects brilliant image on 2x3 screen. Early to thread, scratchproof, scientific eventiation of phousing. Complete Outfit: Viewer, 3 piece base, automatic master sailerer cement. nair of 1200 ft. rewinds.

FAN-TYPE BC POCKET FLASH



BELIXE

At last, a completely collapshie flash at down-to-earth price!

Sturdy hattery case has huilt-in test lame, ejector, accepts standard hayonet huilbs.

FREE Begant 2000 at down-to-earth price!

Sturdy hattery case has huilt-in test lame, ejector, accepts standard hayonet huilbs.

Sturdy hattery case has huilt-in test lame, ejector, accepts standard hayonet huilbs.

Sturdy hattery case has huilt-in test lame, ejector, accepts standard hayonet huilbs.

Sturdy hattery case has huilt-in test lame, ejector, accepts class has huilt-in test lame, ejector, accepts standard hayonet huilbs.

Sturdy hattery case has huilt-in test lame, ejector, accepts standard hayonet huilbs. Sturdy hattery poets, attachable carry study entry and study eight accepts on the study eight accepts on the study eight accepts and study eight accepts and study eight accepts accept accepts a down-to-earth price!

Sturdy hattery case has huilt-in test lame, ejector, accepts standard hayonet huilbs. Sturdy hattery case has huilt-in test lame, ejector, accepts standard hayonet huilbs. Sturdy hattery case has huilt-in test lame, ejector, accepts standard hayonet huilbs.

Sturdy hattery case has huilt-in test lame, ejector, accepts standard hayonet huilbs. Sturdy hattery case has huilt-in test lame, ejector, accepts standard hayonet huilbs.

Sturdy hattery case has huilt-in test lame, ejector, accepts standard hayonet huilbs.

Sturdy hattery case has huilt-in test lame, ejector, accepts standard hayonet huilbs.

Sturdy hattery case has huilt-in test lame, ejector, accepts standard hayonet huilbs.

Sturdy hattery case has huilt-in test lame, ejector, accepts standard hayonet huilbs.

Sturdy hattery case has huilt-in test lame, ejector, accepts standard hayonet huilbs.

Sturdy hattery case has huilt-in test lame, ejector, accepts hatt

65mm WIDEANGLE for 21/4 x 31/4 \$1989

9 speed Compur Rapid shutter, to 1/500, with X synch for flash and strobe.

Another Leitmey-made videangie lens, 65mm f.6.3, covers about 85 degrees on the 24kg34 negative. Its symmetrical Shipping construction permits use of either half of the lens as a harge 25cl 30mm telephoto. Leasbeard for Braphic (state medel) \$2.

XMAS 35 FILM BONUS:

FREE 20 EXP. ANSCOCOLOR TUNESTEN RELOAD, A \$1.50 VALUE with overy \$4.00 worth of both film or \$8.00 worth of releads.

Spiratone PRIVATE COLOR FILM
COLOR FILM COSTS SLASHED BELOW THE
USUAL COST OF BLACK & WHITE FILM

USUAL COST OF BLACK & WHITE FILM

A carefully quality-controlled colorfilm, processed in one of the country's most modern plants. Made to our specifications, the low country's most modern plants. Made to our specifications, the low control of the processed in the low country of the low color films, if sold through the usual channels, revealed the color films, if sold through the usual channels, old the low color films, if sold through the usual channels of the private learned clear Films is validable in Buylight MSA 100 and Tangston (MSA 10) types, requires the same cerrection and conversion filters as federated as 2 and 36 acquarter rolls are delivered ready for east federated as a federated as 2 and 36 types are rolls are delivered ready for east federated as a federated as

36 Exposures each.......\$2.60 3 for 7.77

COLOR FILM PROCESSING

35mm INFRARED FILM, IR BULBS

This film is really a chal- Use orange or red filter. For extreme lenge is the imaginative results, use special IMFRARED FILTER. Ser. natesgrapher, if some V 51.39, Ser. VI 31.59, Ser. VII 32.59, trates sistant hars, takes Kodak Data Book on Infrared Sc. "meanight" scenes is for Bickoott (invisible) flesh photopical broad deylight, creates use IMFRARED FLASHBULDS, SR. Exch 22c, sussual contrast offsets. 12 for \$2.54, ASK NOUM HYBARED CUT-thigg Chigal-3 Sc. 3-10 20c FILMS—25 for \$1.00; 100 for \$2.50.

35mm IR IRIAL Book, IR Filter (specify Ser. \$4.95 V or VI), 8 IR bulbs, all for ppd.

ANSCOCHROME INCLUDING ASA 128

30688 \$259 Spiratone is proud to be first to offer the new 3 tor 51.8 or 3.4 or 51.8 o

35mm DAYLIGHT LOADER

INCLUDING 5 CARTRIDGES

195 IF PUNCHASEN TREETING
WITH MINIMAN OF 37.55
WORTH OF SOLUTION.

It's so simple to take advantage of the
exceedingly low cost of Stime building and
Eastman cartridge. First few released already
make loader pay for itself. Leader alsons with
5 cartridges, \$3.55, \$5.6, W. 4. 4. bb.. make loader pay for itself. Leader also with of buffilm to a carridges, \$3.85.85. Mr. Vr. 4 fbs.
BELINE LOADER, with autumatic causter, accepts also lokes, Cestar carridges, \$10.85 or add \$5.96 to comb. offers.

2 × 2 A

with your order for \$5.00 or more of bulkfilm, or \$4.25 worth of bulkfilm plus loader. For per-

2×2 ALL METAL SLIDE FILE 51.99



2 for 3.78 Accommodates 300 redimounts or 150
4 for 7.40 glass-sides, Slots prevent ratting, Index
Freight 3% lbs. each.
Weight 3% lbs. each,
with metal dividers—same low prices!

2 x 2 GLASS SLIDEBINDERS

Comparable to See Sildebinders.
 One of the finest methods of measting transparenceies (35mm Argus, Leica size) betw. giasel he biggest herge in easily slidebinders ever offered. Pregummed Fibreboard, self-centering of side, provision for type-on titles, dustronel, lindres, skockpronf—all these advantages are yours for less than the usual cost of glass alone Whyr ink finegerpints and scuckpronf—all these advantages are yours for less than the usual cost of glass alone Whyr ink finegerpints and scuckpronf—all these advantages are yours for its stan the usual cost of glass alone Whyr ink finegerpints and scuckpronf—all these advantages are yours for its glass on your irreplaceable color shock? 200 fer \$3.00.

Sample package of 20 2c2 glass and 3 2c2 metal binders, postgradd.

2500 Square (100c), Franzi Mesks \$1.75 is A metal binders, postgradd yours for single frame Othercury size) transparencies 20 fer \$58.50. Wt. per 100.1 1b.

oard mounts for single frame ies Se for SSc. Sh. Wt. p.

ON 2 x 2 METAL SLIDEBINDERS

The ultimate in simplicity! Aluminum glass binders may be used over and over again. Just place transparency between glass, insert in moral non-warp frame. Sample package of 20, 31.50 pad; 54 for 33.51; 100 for \$5.95; 600 for \$2.95; 500 100 for \$7.00 cm. 200 for \$7

NEW MANSFIELD SLIDEBINDER



For the cleanest, the most efficient way for binding slides between cover glasses Q x 2 or 2 % x 2 % 1; it's the new Mansfeld Sidebinder: viselike arrangement, tape can be relied freely and applied to glasses. Shpg. Wt. 2 lbs.

IMPORTED 35MM FILMS

for the discriminating black and white photographer Your choics of these nationally advertised European films: lifter HP3, ASA 125, Adax KB14, ASA 16, Adax KB17, ASA 32, Adax KB21, ASA 80.

Shipping Charge 10e 3 or more (may be assorted) 55c each 3 or more (may be assorted) 65c each

FRESH SAFETY KODAK B&W FILM

All fear pepular speeds, Panatomic X (Background X), Plus X, Super XX and Tri-X are available in 27½ ft., 50 ft. and 100 ft. lengths and 20 and 36 exposure releads.

Shipping charges 10c, 30c, 30c COMBINATION SPECIAL

Shpg. Wt. 4 lbn.

BLACK & WHITE RELOADS in metal cartridges may be asserted 20 EXP. 36 EXP. 71/2 5 7 30 50 5 220 100 5 300 40C sa. 60C sa. Shipping charges 10c 500 5 100 5 200 5 100 5 200

6 for \$2.00 4 for \$2.00 \$hyp. Chgs. I or 2 5c; 3 to 5 20c; 7 to 16 35c. ALL YEAR BEW ASSORTH Baylight lander with 5 carridges ples 27½ ft. each of Panatomic X, Pies X, Super XX and Tri-X

AERO EKTACHROME

AEKO EN TACHRONIC

Is respass to the great demand for
depassably presented, properly processed
aere, Ettechrone, we leave, after exhaustive texts, associated with an
excellent laweristery, associated with an
excellent laweristery, associated to easy corresults, Allering for as ALS posed of filer 120, 200, 8 erg., 216, x will-halanced transparancies. Prices in 316, or 12 erg, 216, x 2 mill-halanced transparancies. Prices in 316, or 12 erg, 216, x 2 mill-halanced transparancies. Prices in 316, or 12 erg, 216, x 3 mill-halanced transparancies. Prices in 316, or 12 erg, 216, x 3 mill-halanced transparancies. Prices in 316, or 12 erg, 216, x 3 mill-halanced transparancies. Prices in 316, or 12 erg, 216, x 3 mill-halanced transparancies. Prices in 316, or 12 erg, 216, x 3 mill-halanced transparancies. Prices in 316, or 12 erg, 216, x 3 mill-halanced transparancies. Prices in 316, or 12 erg, 216, x 3 mill-halanced transparancies. Prices in 316, or 12 erg, 216, x 3 mill-halanced transparancies. Prices in 316, or 12 erg, 216, x 3 mill-halanced transparancies. Prices in 316, or 12 erg, 216, x 3 mill-halanced transparancies. Prices in 316, or 12 erg, 216, x 3 mill-halanced transparancies. Prices in 316, or 12 erg, 216, x 3 mill-halanced transparancies. Prices in 316, or 12 erg, 216, x 3 mill-halanced transparancies. Prices in 316, or 12 erg, 216, x 3 mill-halanced transparancies. Prices in 316, or 12 erg, 216, x 3 mill-halanced transparancies. Prices in 316, or 12 erg, 216, x 3 mill-halanced transparancies. Prices in 316, or 12 erg, 216, x 3 mill-halanced transparancies. Prices in 316, or 12 erg, 216, x 3 mill-halanced transparancies. Prices in 316, or 12 erg, 216, x 3 mill-halanced transparancies. Prices in 316, or 12 erg, 216, x 3 mill-halanced transparancies. Prices in 316, or 12 erg, 216, x 3 mill-halanced transparancies. Prices in 316, or 12 erg, 216, x 3 mill-halanced transparancies. Prices in 316, or 12 erg, 216, x 3 mill-halanced transparance transparance transparance transparance transparance transparance tra



transparency! BULK ANSCOCOLOR

RF. COUPLED CLOSEUPS WITH ■ ARGUS C3 \$2.98

Proxificuser couples closeup lens to rangefinder, our-rects for parallax, makes focusing to 10" foolproof and rapid, Just place Proxificuser over view and rapid foot in citalization, place closeup lens into filterholder—and you are rangly to take portraits, capy pictures and documents, photograph flowers and sami animats. Wr. 1 to 20". Nr. 2 (20" to 13"), Nr. 3 (13" to 10"). Each Prustfereuer, regularly 54,55—anou complete with Saries V alessep less; 2.56, all three, reg. 514.56—env

Series V screw-in filterholder for filters and cleasup \$1,25

Sarius V Serum International Indiana Sarius CS, for extreme incessor submit for Argus CS, for extreme \$5.95.

Set of all three Pregifectors, including three classor inness, plus three extension takes, for complete focusing range \$11.75

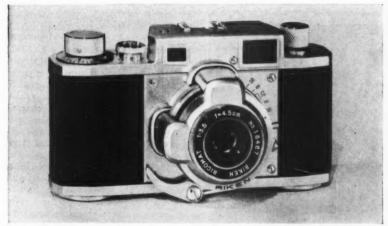
186" to 2"
Shipping Charge, each item 10c

NUTE RUSH SERVICE Please order early this Christmas—but If you did wait too long, don't hesitate ordering; late orders are shipped practically the minute they are received and by the fastest means!

All prices include excise tax. Postage and insurance MUST be prepaid, even when no shipping weight is stated — overpayment will be credited in full. Everything listed is brand-new (unless otherwise stated) and fully guaranteed against defects. 25% deposit on C.O.D.'s.

RATON

49 WEST 27th ST., NEW YORK 1, N. Y. 135-06 NORTHERN BLVD. DEPT. M12 FLUSHING 54, N. Y.



Ricoh 35 is trim, versatile machine at \$59.95. Note the folded rapid-wind lever.

JAPANESE-MADE, RAPID-WIND RICOH 35 IS IMPORTANT ENTRY IN UNDER \$75 BRACKET

A few years ago, if a friend with less than \$75 burning a hole in his pocket asked for advice on choosing a camera, we'd advise a 2½ x 2½-inch reflex. It seemed to stand to reason that you just



Rapid-wind lever swings in arc when pulled by forefinger. It makes about 20 exposures in 10 seconds possible.

couldn't get a good 35mm camera capable of top results for much less.

That's all changed now, and the Japanese manufacturers have done a lot towards changing it. The new Ricoh 35 is a shining example of their ingenuity and workmanship at a modest price—\$59.95 for camera, case, and flashgun.

The Ricoh 35 is pretty much of an original design. A three-element, coated 45mm lens houses a between-the-lens shutter with speeds from 1/10 to 1/200 sec. The lens couples to an exceptionally bright, single-window, combined range and viewfinder. Pressure from a single finger on the focusing button rotates the lens from three feet to infinity in an incredibly smooth helical focusing mount. The body is a sturdy metal casting. The back and bottom plate slip off for loading, showing a well-finished interior.

The Ricoh 35 has an unusual rapidwind lever on the bottom plate. When not in use, it folds out of the way. There's also a regular film-wind knobatop the camera which can be used. But if you're shooting sequences or want rapid action from the camera, hook your forefinger over the folding handle of the rapid-wind lever and pull it in an arc. A fraction of a second later, the film is wound to the next exposure, and the shutter is cocked. Twenty exposures in ten seconds are possible.

The rewind knob is a second welcome feature. While many cameras (including a number of Japanese) wear your fingers to the bone on clumsy and difficult-to-operate rewind knobs, the Ricon rewind can be pulled away from the camera body (see picture, below).

The Ricoh 35 is synched for SF or SM bulbs at speeds to 1/50 sec., or electronic flash at all speeds. The flash terminal is of the less desirable, European push-on type which has a tendency to



Rewind lever pulls up for grip, a feature other cameras could adopt.

pull loose—but that's a minor criticism.

The flashgun supplied with the camera is all metal and fits into the acces-

sory shoe atop the Ricoh 35.
(Continued on page 116)



A compact 35mm enlarger that sets up, disassembles in 30 seconds

No other enlarger ever went through the rugged field testing of Zenith 35. As Gov't. Issue #EN-11 (1), it delivered precision performance under the most critical conditions. Now, as the Zenith 35, it offers new enlarging convenience — and superb performance.

Zenith 35 is lightweight (under 11 pounds) ... portable (with free carrycarton) ... quick, revolutionary new ANCHOR-QUIK locking clamps for instant set-up and adjustment. And Zenith 35 delivers salon quality prints from contact size to 11" x 14"—ON THE BASEBOARD!

- Glassless negative carrier w/strip film release
- Double Condensers
 Heat resisting glass
 Horizontal and vertical projection

America's Best 35mm Enlarger Buy!
At your dealer or write for free folder



PHOTO CO., INC.,

301 LAFAYETTE ST., NEW YORK 12, N. Y.

CAMERA GUIDE

(Continued from page 82)

ROLLEICORD II

Introduced: 1938 Discontinued: 1951 Lens: 75mm, f/3.5 Zeiss Triotar; viewing lens f/3.2. Note: Version introduced in 1950 had factory coated f/3.5 Zeiss Triotar or Schneider Xenar lens.

Shutter: Compur, 1 to 1/300 sec., plus B & T. Note: Version introduced in 1945 had Compur-Rapid shutter, 1 to 1/500 sec., plus B; version introduced in 1950 had same shutter and factory installed flash sync.

Special Features: Bayonet mount for lens accessories (early versions had bayonet mount on taking lens only, later versions on both viewing and taking lenses); eye-level focusing.
Other features same as Model IA.

Last List Price: With uncoated Triotar f/3.5 lens and either Compur or Compur-Rapid shutter, \$118; with coated Triotar lens in flash sync



Compur-Rapid, \$140; with coated Xenar lens in flash sync Compur-Rapid, \$160.

Last Reported Used Selling Price Range in 1955: With f/3.5 Triotar, \$35-\$52

Serial Numbers: 1,000,000 to 1,124,000 Special Identification Points: 1. Eye level focusing; 2. Film window; 3. From 1939 to 1950, came without factory-installed flash sync.

ROLLEICORD III

Introduced: 1950 Discontinued: 1953 Lens: Factory coated 75mm, f/3.5 Zeiss Triotar or Schneider Xenar; viewing lens f/3.2

Shutter: Compur-Rapid, 1 to 1/500 sec., plus B.

Special Features: Factory installed X-type sync; built-in magnifier covering entire ground glass image; automatic film feeding (not necessary to set 1st exposure in red window, which is eliminated). Other features same as Model II.

Last List Price: With Triotar lens, \$139.50: with Xenar. \$149.50



Last Reported Used Selling Price Range in 1955: With f/3.5 Xenar, \$55-\$90

Serial Numbers: 1,137,000 to 1,344,050 Special Identification Points: 1. First Rolleicord without film window; 2. Back latch has safety lock.

ROLLEICORD IV

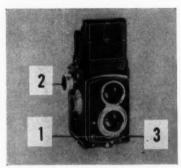
Introduced: 1953 Discontinued: Jan.,

Lens: Factory coated 75mm, f/3.5 Schneider Xenar; viewing lens f/3.2. Shutter: Synchro-Compur, 1 to 1/500 sec., plus B.

Special Features: Factory installed MX flash sync; double and blank exposure prevention; provision for intentional double exposures; anti-reflection baffling in interior. Other features same as Model III.

Last List Price: \$149.50 (incl. case). Last Reported Used Selling Price Range in 1955: \$69-\$106

Serial Numbers: From 1,344,051 Special Identification Points: 1. First



Rolleicord with MX selection lever; 2. No release button in film transport knob; 3. Cable release socket positioned beneath taking lens.

ROLLEICORD V

Introduced: January, 1955 (Currently in production)

Lens: Factory coated 75mm, f/3.5 Schneider Xenar; viewing lens f/3.2. Shutter: Synchro-Compur, 1 to 1/500

sec., plus B and self-timer. MX sync. Special Features: Shutter incorporates Light Value Scale cross-coupled to lens diaphragm (as shutter speeds are changed, lens opening changes correspondingly, thus keeping relative exposures constant); factory installed flash sync: double and blank exposure prevention with provision for making intentional double exposures; large focusing knob with built-in film speed indicator; built-in depth of field scale; 2.5 times viewing magnifier; sports finder; automatic parallax compensation; automatic exposure counter; Light Value table on back of camera; film positions for correct starting before closing back; single lever for cocking and releasing shutter; focuses from 3 ft. to infinity with one revolution of focusing knob; lock for flash con-

Last List Price: \$149.50 (incl. case). Last Reported Used Selling Price



Range in 1955: Not available.

Special Identification Points: 1. MXV selector lever (V is self-timer position); 2. Built-in film-speed indicator; 3. Light Value scale; 4. Lever for releasing flash contact lock.

EXAKTA

Manufacturer: Ihagee Kamerawerk A.G., Dresden, Germany.

Importer: Exakta Camera Co., 705
Bronx River Road, Bronxville 8, N.Y.
The following four cameras are
known as the Vest Pocket Exaktas.
Film Size: All models take 8 pictures

2½ x 15/8 in. on 127 film.

Lens: All models except Exakta Junior incorporate threaded lens mounts for interchangeability of lenses. Lenses for the V. P. Exaktas were supplied without focusing mounts since the camera lens-mount has a built-in helical focusing mount. Standard lens was 75mm, f/3.5 Zeiss Tessar or Schneider Xenar, 75mm, f/2.8 Tessaron

sar or Xenar, 80mm, f/2 Biotar or Xenon, or 75mm, f/3.5 Exaktar or Ihagee.

EXAKTA MODEL A

Note: This model is the same as Exakta Model B below, except for the shutter. Model A had shutter speeds only from 1/25 to 1/1000 sec., plus B & T, and had no delayed action.

Introduced: 1936 Discontinued: 1945 Last List Price: Not available.

Last Reported Used Selling Price Range in 1955: With f/3.5 Tessar, \$34-\$50

Special Identification Points: 1. Was supplied only in black enamel finish; 2. No delayed action; 3. No slow-speed dial.

EXAKTA MODEL B



Introduced: 1937 Discontinued: 1945 Shutter: Focal plane, 12 to 1/1000 sec., plus B & T and delayed action (works with speeds from 6 to 1/1000).

Special Features: Factory installed flash sync; film transport and shutter winding connected; sports finder; eye-level focusing; built-in magnifier.

Last List Price: Not available.

Last Reported Used Selling Price Range in 1955: With f/2 Biotar, \$79-\$99

Special Identification Points: 1. Early version had film transport knob; later version had film transport lever; 2. Early version came only in black enamel finish; later version was supplied with chrome finish.

EXAKTA JUNIOR

k

Y.

re

IS.

es

or

OT

es

ed

he

in

rd

OI

Introduced: 1936 Discontinued: 1945 Lens: 75mm, f/4.5 Anastigmat.

Shutter: Focal plane, 1/25 to 1/1000 sec., plus B & T (no delayed action).

Special Features: Factory installed flash sync in later version. Other features same as Exakta Model A, but did not have interchangeable lens mount.

Last List Price: Not available.

Last Reported Used Selling Price Range in 1955: With f/3.5 Ihagee, \$21-\$37

EXAKTA MODEL C

Note: This model is the same as Exakta Model B, with the addition of a plate back adapter, for using plates or cut film with rear ground glass focusing. When the plate back is used, the reflex finder cannot be used for focusing or viewfinding

used for focusing or viewfinding.

Introduced: 1937 Discontinued: 1945

Last List Price: Not available.

Last Reported Used Selling Price Range in 1955: With f/2.8 Tessar, \$44-\$66

Special Identification Points: 1. Only V. P. Exakta with provision for using plate back.

"SOUARE" EXAKTA

Note: This camera has the same shape as Exakta A, B, etc., but is considerably larger.

Introduced: 1937 Discontinued: 1938 Film Size: 12 pictures 2¹/₄ x 2¹/₄ on

Lens: Interchangeable; bayonet mount. Standard lenses were 80mm, f/3.5 Zeiss Tessar or 85mm, f/3.5 Ihagee Anastigmat. Note: This camera was introduced just prior to the war; therefore no auxiliary lenses or special attachments have ever been supplied for it.

Shutter: Focal plane, 12 to 1/1000 sec., plus B & T and self-timer (works with speeds from 6 to 1/1000).

Special Features: Coupled film transport and shutter wind; sports finder; factory installed flash sync; exposure counter.

Last List Price: Not available.

Last Reported Used Selling Price Range in 1955: With f/2.8 Tessar, \$81-\$94

Special Identification Points: 1. Film transport lever situated on bottom of camera; 2. Same shape as previous Exaktas, but considerably larger.

EXAKTA 66

Introduced: 1954 (Currently in production)

Film Size: 12 pictures 21/4 x 21/4 on 120 film.

Lens: Interchangeable; bayonet mount. Standard lens is factory coated 80mm, f/2.8 Zeiss Tessar with pre-set diaphragm and built-in lens hood. Accessory lenses are available in focal lengths from 56mm to 400mm.

Shutter: Focal plane, 12 to 1/1000 sec., plus B & T and self-timer (works with speeds from 6 to 1/1000 sec.).

Special Features: Factory installed flash sync with adjustable time delay; coupled film transport and shutter cocking; removable back with



indentation for finger-hold; sports finder; removable reflex finder hood (accessory prismatic eye-level focusing finder replaces hood; will be available in near future).

Last List Price: With 80mm, f/2.8 Tessar (pre-set diaphragm), \$319.50. Last Reported Used Selling Price Range in 1955: \$179.\$209.50

Special Identification Points: 1. Easily distinguishable from previous Exakta models by square shape; 2. Controls are located on side, instead of top of camera.

FOLDING ROLL FILM CAMERAS

Many people will insist that the folding camera has had its day. Yet, although its popularity has diminished in the past few years, a few new types are currently being manufactured. Many folding cameras are of very top quality, and if you're looking for a good buy, and want a well-made, dependable camera, you may he able to find an excellent folding camera for relatively little money. It is impossible to include here every type of folding camera that has been made; in many cases, old records have been lost, and some information on the new models is not available as we go to press. Although prices listed below are as accurate as possible, Modern cannot assume responsibility for their final authenticity or likelihood to change.

VOIGTLANDER

Manufacturer: Voigtlander A.G., Braunschweig, Germany

Importer: Willoughbys-Wholesale, 110 W. 32nd St., New York 1, N. Y. **VOIGTLANDER BABY BESSA**

(Original model)

Film Size: 12 pictures 2½ x 2½ on 120 film.

Introduced: 1939 Discontinued: 1940 Lens: 75mm, f/3.5 Voigtar, 75mm, (Continued on page 120)



EXEMBINED E f5.0 ASTRAGON

LONG DISTANCE TELE-LENSES GET REALLY CLOSE-UP-GET EVERY SHARP DETAIL NEVER BEFORE A LENS LIKE THE ASTRAGON SERIES

Sensational is the word for it! A product of one of the most famous German optical designers—brought to America at these unusually low prices through terms of our EXCLUSIVE arrange-

CALL YOUR COLLECT CYPRESS 9-6400 Ask for Import Dept.

Superlative definition, extreme detail, unusual light transmitting efficiency. Fully color corrected crystal clear images. All optics hard "C" coated at the factory.

300mm f5, List 198.00 ... only 129.50 400mm f5, List 250.00 ... only 149.50 500mm f5, List 398.00 ... only 225.00

600mm f5, List 680.00 ... only 385.00 800mm f5, List 850.00 ... only 495.00 1000mm f6.3 List 1075.00 ... only 695.00

CONVERTO MOUNT to fit ALL SINGLE-LENS reflex Cameras, 35mm or 21/4x21/4 (specify). Focusing wheel (illustrated) featured on 500mm and up.

ALL BRAND NEW 30 DAY TRIAL—GUARANTEE
Non-reflex Cameras complete with mirro-reflex housing. 5 power eyepiece. Add \$100.00 for all

ORDER YOURS TODAY—10% DOWN Shpd Express

ASTRAFLEX 35



BOLEX H-16 16mm

with three (3) lenses in focusing mounts

• 25mm fl.9 coated • 15mm f2.8 coated • 75mm f4.5 Kedak telephote

A special; valued at over 400.00

USED 237.00

Case 23.50

SLAVEY®

REMOTE ELECTRONIC EYE

Triggers multiple extension flash with-out use of interconnecting wires. Secrets in the electronic eye. Reflector unit and battery not included in price.

Reg. 52.00 each NOW BRAND-NEW....

3 for 45.50 AC adapter EACH 5.95 45¢ shpg.

OMEGA 4×5

ENLARGER COLDLITE NF COLDLITE NF with f4.5 lens, A favorite of veteran photographers who demand the best. Smooth performance and ease of operation assures brilliantly sharp enlargements. Terrific price for a terrific 4 x 5 enlarger,

11200 Shpd expre







24x24 ASTRAFLEX II SINGLE LENS REFLEX CAMERA

complete with 85mm 13.5 lens complete with 85mm 13.5 lens
Unheard of value at this pricel
Strobe and bulb sync: interchangeable lenses, Germanmade.
Pocal plane shutter: uses standard 120 roll film.
Value \$282.00

RAND NEW
2.20 post & ins
Case 12.50



EXAKTA EXTENSION BELLOWS With 105mm f3.5 ctd Astra iens Reg. 89.50 BRAND-NEW 3950

85¢ post & EXAKTA RANGEFINDER



Prism rooftop viewfinder for Exakta V, VX, & Exa. Large eyepiece. Reg. 85.00 BRAND-NEW 3695

Case 2.50 80¢ post & ins

PRISM BINOCULARS

16 x 50

GENUINE AUTRONIC

Most powerful hand hold. Ceated optics, individual eyepiece focusing.

NEW 4950* *plus 10% FET Case 6.95 85¢ post & ins

EDINEX SYNCHRO

With ultra-sharp Hi-speed

f2 coated SCHNEIDER XENON

9 speed Compur Rapid synchro shutter, standard 35mm Reg. 79.50 BRAND-NEW 4995



Only 5.00 de

EXCLUSIVE! 11/2" f1.4 TELE-AMITAR FOR 8mm



Coated, 3x magnification—Twice as fast as
t2.5's. Click stops; precision focusing mount.
Sharp as a tack—brilliant as the sun. Fits
all 8mm movie cameras (specify).
Regular \$75.00

BRAND-NEW 654 nest & Inc For Bell & Howell add 2.95

AMITAR EXTREME WIDE ANGLE LENS 22.95

Or pay \$5.00 down, whichever is greater. 10 months to pay. Include note giving age, occupation, 3 references and the camera's yours. All in listing used, subject to prior sale. Add \$1.00 postage and insurance. 10 day trial, guaranty.

35mm cameras

	Sale Price	Down Paymon
Adex 12.9	17.95	5.00
		5.00
Argus C-4 12.8	42.25	5.00
		8.35
		14 40
		8 15
		12.00
Canon, f3.5 ctd Serenar	69.50	7.05
		A 85
		11.85
		14.90
Exa f2.9 Kodak Ektra f1.9 Ektra	50.00	5.00
Kodak Ektra fl.9 Ektra	169.50	14.95
Kodak Retina II 12 Xenon	57.50	5.75
Kodek 25 fd 5 and Com	70.00	7.00
Kodak Retina IIA Kodak 35 f4.5 etd, CRF	32.50	5.00
		11.45
		14.69
Praktiflex f2.9	32.50	5.00

reflex cameras

21/4 x 21/	
Ciroflex F, f3.2 ctd, M-X Syno łassolblad, f2.8 ctd Ektar koflex folloierd V f3.5 Xenar uto Rolleiflex III f3.5 Xenar M. uto Rolleiflex III f3.5 Tessar M. uto Rolleiflex 2.8C f2.8 Xenotar	198.00 19.8 55.00 5.5 87.50 8.7 X.133.50 13.3

press cameras

21/4 x 31/4 Sale	Down
Ann Speed Graphie 44 E MDF Price	Payment
Synchro Flashgun 83.50 Busch, 14.5 CRF 85.50	8.35 7.95
Pacemaker Crewn Granbie 44 5	7.45
Pacemaker Speed Granble 44 7	14.70
Ektar, CRF182.50	18.25



HEADQUARTERS Dept.

AVE., NEW YORK

SPECIAL PURCHASE SAVE 54.55 ON A

2%×2% AMIFLEX

ALL METAL TWIN LENS . FULL FOCUSING RANGE . COMPLETE WITH CASE AND FLASHGUN

NEW 1956 MODEL

43 5 LENSES BUILT-IN SYNC REG. 84.50 value BRAND-NEW

EXECUSIVE

185.00





ASTRA 35 F-X model 12 COATED ZEISS BIOTAR
IN PRESET DIAPHRAGM
Compur contact-tip. Suits in sync. in terchalable tendes. Uses all standard 3 mm. Reg. 185.00 only 10% down only 10% down only 10% post **EXPERIENCED SALESMEN** WILL TAKE YOUR ORDER! IMMEDIATE

DELIVERY

YOU CAN CALL





ORDER YOURS TO-DAY BRAND-NEW EXAKTA VX f2 Coated ZEISS BIOTAR

Light Weight Focusing Mount discont model

Exakta VX with coated Meyer Primoplan, \$163.50. Prices include waist-level finder. For eye-level prism finders, add \$15.00.



13595

1.85 post & ins

SEAL DRY MOUNT PRESS



nunt 14" x 17" in one opera-n! Larger sizes toe. Adjustable rmostat 180° to 350°. Built-automatic timer. Safely, effi-nity mounts color prints, vege-ole parchment and other deli-

BRAND-NEW 10295 Shpg wt 85 lbs Only 10.30 down

TRIPOD

Gear elevator action with built-in level. Opens to

Reg. 22.00 16.50 BRAND NEW

85¢ post & ins

JUMBO **GADGET BAG**

Genuine leather, Big 5x10x12, Roomy com-partments. Zipper, Shoulder strap. 95 Reg. 34.95 BRAND NEW

STEREO CAMERA SPECIALS

VIEWMASTER



HEED 56.95

1.00 post

REVERE 33 73.95

f3.5 lenses, Sync, USED 1.00 post

400mm f5.5 ctd MEYER TELE-MEGOR FOR EXAKTAS, CONTAX-D, ASTRA-PLEX '35, ASTRA 35, PRAKTICA fo-cus in q mount coated. Reg. \$199.50 11950

For Astraffex 11, Primar Reflex, Hasselblad 154.50

PRISM FINDER FOR PRAKTICA. PRAKTIFLEX F-X

& ASTRA 35
Reg. 31.95. Price
can't be beat.
While they last

BRAND-NEW 1295



AUSINE IMMEDIATE DELIVERY



21/4 x 21/4 REFLEX 66

This "plus-value" made possible because of our direct-import. Built-in SYNC, interchangeable lenses: fo-I plane shutter. andard 120 film. cal plane Regular \$135.00

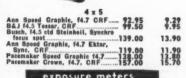
De Luxe Case 8.95
BC Flashgun 12.50
Filter & Sunshade

Complete with 75mm f3.5 lens

BRAND-NEW

MAIL ORDER HEADQUARTERS Dept. MS-12

REMONT



expedie men		
	Sale Price	Down Payment
Brockway (M-3) Weston Master II Norwood Director	17.00	5.00
GE DW 68	13.50	5.00

17.00 slide projector

300w 300w 500w 300w	Argus Automatic, case BC Golde Manumatic BC Golde Geronet, case BC La Belle 55 Automatic BC Revere 444 BC TDC Headliner, semimat, BC	Sale Price 42.95 25.00 21.00 53.50 30.50 29.95	Down Payment 5.00 5.00 5.35 5.00

ENLARGERS

35mm Federal, cond. f4.5	37.50	5.00
2½ x 3½ Federal 269 CL, f6.3 2½ x 3½ DeJur Versatile f4.5 cond.	32.00	5.00
2½ x 3½ Omega B-6 2½ x 3½ Solar 120	69.00	6.90
5x7 Solar	49.00	5.00
5x7 Elwood 8-2 f6.3 NEW	77.50	7.75

8mm CAMERAS

B&H 134 TA f1.9	98.75	9.87
B&H 172 B f1.9	89.00	8.90
Bolex H-8 De Luxe fl.9	142.50	14:27
Revere 99 f2.8 ctd	57.50	5.75

8mm MOVIE PROJECTORS

			-112
DeJur 750 Revere 85	500W	112.50 74.95 56.85	11.25 7.49 5.69

16mm MOVIE CAMERAS

		_
Victor IV fl.9	98.00	9.80
Revere 16, fl.9 ctd	109.00	10.90
Keystone A-9 f2.5 etd.	57.00	5.70
Bolex H-16 Leader fl.9	167.50	16.75

16mm MOVIE PROJECTORS

Bell &	Howell Filmo	Sound	189.00	18.90
Kedak i	F-8-10-N		179.00	17.90
	2 case		194.00	19.40
Victor 4	10		149.00	14.90

************** . . . thousands similar BARGAINS for sale in NEW Issue of NEWS LETTER. Largest selection of used cameras available. Write for your FREE copy today.

NAME	
ADDRESS	***************************************
CITY	STATE



NO ADAPTERS NEEDED!

It's so easy to improve the versatility of your camera. Just screw in a WALZ Coated Filter—No Adapters Needed! Use a WALZ Filter—neat—compact—individually mounted—Custom threaded especially for your camera. Always insist on WALZ—The Finest Filter made—anywhere.

LIST PRICES ON WALZ "CUSTOM-FITTED" FILTERS

TO FIT CAMERAS OR LENSES LISTED BELOW	WALZ INDIVIDUAL FILTERS	WALZ FILTER KITS	WALZ CLOSE-UP LENSES	WALZ CLOSE-UP LENS KIT	WALZ LENS HOOD
Walz Filters are also available for most cameras with threaded lens mounts not listed	Colors Available: TYPE A TYPE F SKYLIGHT FLASH YELLOW RED GREEN	Color Kit Contains: TYPE A SKYLIGHT FLASH Black & White Kit Contains: YELLOW RED GREEN	Sizes Available: +1 +2 +3	Kit Contains: +1 +2 +3	SCREW-IN FOR ALL FILTERS AND LENSES BAYONET FOR ROLLE!
ARGUS C-3, Elmar f:3.5	1.95	5.75	2.50	6.95	1.95
RETINAS 1:2 & 2.8, Karomat	2.95	8.75	3.50	9.95	2.95
CONTAFLEX, Contessa Contina, Ikonta 35	2.95	8.75	3.50	9.95	2.95
SIGNET, Bantam R.F. Cine Ektar f:1.9 & 2.8	2.95	8.75	3.50	9.95	2.95
ARGUS C-4, Iloca Quick, Realist 35, Vito III	2.95	8.75	3.50	9.95	2.95
GRAPHIC "35"	2.95	8.75	3.50	9.95	2.95
ROLLEI: 1:3.5 BAYONET	3.95	11.75			3.95
LEICA SUMMICRON f:2 Hekter f:1.9 & 4.5	3.95	11.75	4.95	13.50	3.95
LEIGA SUMMITAR f:2 Steinheil Culminar f:2.8 & 4.5	3.95	11.75	4.95	13.50	6.95
CONTAX, Exacta, Exa, Praktiflex, Pentacon	3.95	11.75	4.95	13.50	3.95
CANON f:1.5, 1.8, 2.	3.95	11.75	4.95	13.50	3.95
NIKON f:1.4. Nikker W.A. f:2.5 & 3.5, Nikker Tele f:3.5	3.95	11.75	4.95	13.50	3.95

WALZ FILTERS ARE GUARANTEED FOR LIFE



BC FANFOLD

ry compact. Clips onto camera accessory shoe. Ilapsible ten blade fanfold. Adjustable re-ctor for flood or flash. 360 degree swivel for in-rect lighting. Uses 22½ V.B.C. Battery. Com-te with leather carrying case. ONLY





MINOR EXPOSURE METER Sheer Simplicity!

films ASA 4 to 400—all lens stops filds ASA 5. A to 400—all lens stops filds for the filds of the filds filds filds for the filds fi



U.S. PHOTO SUPP 1204 G ST. NW WASHINGTON

RICOH 35

(Continued from page 111)

The camera case is really a beautiful piece of leathercraft-you'd expect to find it on a \$300 camera.

If you find fault, it may be with the choice of a three-element instead of a four-element lens. But in practical tests carried out with the camera, edge definition at full f/3.5 aperture was acceptable in 8 x 10 enlargements from full frame. Edge-to-edge sharpness was excellent at f/4.5 to f/16. And that's as much as can be expected from any normal focal-length 3-element lens on a 35mm camera.

The Ricoh 35 is definitely a handy camera to have around. It's rugged and it's capable. You can do a lot worse at the price, but it's doubtful if you can do much better at a good deal more.

Calendar

*23RD WILMINGTON INTERNATIONAL

EXHIBITION OF PHOTOGRAPHY. Closes: January 16, 1956 Exhibit: February 5-26, 1956 Fee: \$1, four prints or slides Sponsored by the Delaware Camera Club under the auspices of the Wilmington Society of The Fine Arts. For information and entry blanks write to Mr. W. Le-roy Miller, P. O. Box 401, Wil-mington 99, Delaware.

ILFORD PHOTOGRAPHIC SOCIETY INTER-NATIONAL EXHIBITION OF PHOTOGRA-PHY.

Closes: Jan. 23, 1956 Exhibit: Feb. 27-Mar. 13 Fee: \$1, four prints and eight slides

For information and entry blanks, write to E. Barker, 61 Hamilton Ave., Ilford, Essex, England.

43RD ANNUAL PITTSBURGH INTERNA-TIONAL SALON OF PHOTOGRAPHIC ART.

Closes: Feb. 29, 1956, prints Mar.
7, 1956, slides

Exhibit: Mar. 23-Apr. 22

Fee: Prints \$2, four allowed

slides \$1 (plus return postage)

information and For blanks, write to Walter R. Knee-land, Salon Secretary, 3658 Perrysville Ave., Pittsburgh 14,

FIFTEENTH MONTREAL INTERNATIONAL SALON OF PHOTOGRAPHY. Closes: Feb. 9, 1956, prints and

slides Exhibition: Mar. 2-18th,

prints and slides Awards will be given for top prints and slides. For informa-tion and entry blanks, write to M. Stein, 4355 Hingston Ave., Montreal, Que.

*Follow P.S.A. practices.

tiect

he a sts niptull exas ora dy nd an K.

AL

m-

of Che and Vil-

ER-RA-

ght try 61 sex,

NA-RT.

wed ost-

658

14.

NAL

and

956,

top ma-

e to

ve.,

APHY

lash! New G-E PowerMite M2 is 1/4 size of midget flash bulbs, costs 3¢ less



flash! Gets pictures as good as bigger bulbs







BIGGER-BULB PHOTO IS SAME QUALITY. BUT FLASH COST 124.

General Electric's new PowerMite M2 is the world's tiniest, handiest, lowest-cost flash bulb! Only 1/4 the size of regular midget bulbs, it is so small that two 12-bulb packs fit pocket or purse. You can carry bulbs by the dozens, be ready always for sudden picture opportunities. At 96* each, PowerMites save you 3¢ a shot, up to 36¢ a roll of film. You get 25% more flash shots for your money! And you don't sacrifice picture quality. In recent tests, camera fans found that PowerMites get results as good as, or better than, bigger, costlier bulbs.

General Electric PowerMite M2's are the world's easiest to use. Ring-type base plugs in, pops out without (wisting. Some cameras come equipped for tiny PowerMites. Others use low-cost adapter, about 22¢, available at your dealer's.

PowerMites are perfect for indoor and outdoor photos at distances up to 15 feet. Great for color close-ups, too. General Electric's thinner filament and supersensitive primer makes them sure-fire, shot after shot. Try a handy 12-bulb pack at your dealer's today, and shoot better for less with General Electric PowerMite M2 — the tiny bulb with the giant flash!

A SHOT

ONLY 9∉ EACH IN POCKET-SIZE PACK OF 12 BULBS



Progress Is Our Most Important Product

DECEMBER, 1955

BUY IT FROM YOUR PHOTO DEALER

117

Finee Deep in June"

Photograph by Frank Sexton, Springfield, Ill.
Original enlarged to 11 x 14 from a 35 mm. negative
on a Federal "Store-Away" Enlarger, Model 269.



WHAT IS SO BARE AS

a perfect enlargement of

A DAY IN JUNE ?"

That depends on what enlarger you use. Perfect enlargements are anything but rare with a Federal Store-Away® Enlarger-Federal's sound optical design assures perfect enlargements all the time

And the best part is, with a Federal you don't need a special darkroom. In a jiffy you set up your Federal Enlarger in a kitchen or bathroom, as most people do. When you're through, it will take you just 39 seconds to pack it away in its 6" x 15" x 16" case.

All Store-Away Junior enlargers are equipped with a 31/2"f:6.3 Decar anastigmat enlarging lens for sharp, clear pictures. The Federal Store-Away Junior Model 269 (illustrated) has diffused illumination (\$39.75); Model 279 has condenser illumination (\$46.95); and Model 269L uses the Federal Cold-Lite unit (\$53.00). All models are ideal for direct-positive paper black-and-white enlargements from color transparencies. Ask your photo dealer to show you one today.

Prices slightly higher on the West Coast







Federal is America's Greatest Enlarger Value



EDERAL MANUFACTURING & ENGINEERING CORPORATION

Photographic and Electronic Instruments

1055 STEWART AVE., GARDEN CITY, N. Y.

New Photo Books

PHOTOGRAPHY FOR THE TRAVELER, by Don D. Nibbelink. New edition revised by Mel Fauer. Little Technical Library. 110 pages, illustrated. Crown Publishers, Inc., New York, N.Y. Price, \$1.

Given a camera and a ticket to somewhere, you too can make travel snapshots. Nibbelink lists: photo equipment for the traveler, the care with which he should treat it, customs regulations for various countries, public relations plots that encourage natives to participate in deadly tourist "snaps," hints on camera use, processing laboratories, tips on field processing, etc. Some of the tips are a bit obscure, if interesting. We were ecstatic to know that if caught short of an acid short stop, we could quickly whip up a batch by bubbling automobile exhaust fumes through water. This is pretty tricky, of course. Personally we'd rather forego the whole short stop and dump the film right in the hypo. Mr. Nibbelink's sure-shuttered folksy talk makes the technical jargon a bit easier to swallow for the novice. But oh those automobile fumes!-D. J.

TIGER'S ADVENTURE, story and pictures by William P. Gottlieb, 28 pages, illus-trated in color. Simon and Schuster. Price 25c.

There's money to be made with children's books. Gottlieb's picture story of a kitten and its mother can serve as an example for any photographer searching for a new market for his pictures. Here's how one handled both pictures and text in a simple, salable, successful manner. The book also contains brief information as to what photographic equipment Gottlieb used to make his picture story.

After you've learned all you can from Tiger's Adventure, you can turn around and make some youngster of from three to five years of age happy by giving it as a present.-H. K.

35MM PHOTO TECHNIQUE, by H. S. Newcombe. 328 pages, profusely illustrated. The Focal Press, distributed by Amphoto. Price \$3.75.

Since its inception, Newcombe's book has been considered a standard text for 35mm photography. Now it's available in a ninth edition, larger and right up to date.

There are over 50 chapters dealing with such diverse subjects as types of films, gamma, exposure meters, developers and tanks, holding and loading cameras, depth of field, perspective, print quality. All are discussed in a

(Continued on page 138)





NEW RETINA IIIC

Interchangeable Lenses
 New Light Value Scale
 Self Timer o Fully Synchronized o Rapid Wind
Film Lever o Light Meter

79.50 Plus your old Retina IIA



NEW CONTAX IIIA & IIA

e Fully MX Flash Synchronized e Takes all bulbs & strobe e Stand-ard Flash Posts-needs no special

69.50

for New IIIA for New IIA*



Weste-17.50 + your 2.8 Tessar P-S Weste-

SAVE-A-BUCK DEPT.

32.50 + your 3.5 Tessar

NEW AUTOMATIC ROLLEIFLEX

e New Light Value System e Automatic Exposure Selection e Extra Large Focus-ing Knob e Intentional Double Exposure

\$66.00 PLUS your old Rolleiflex MX

NEW ROLLEICORD VINEW 1956 ROLLEI 2.8D \$49.50 Plus your TRADE: YOUR OLD ROLLEIFLEX

(SO (1) ()



NEW CONTAFLEX II

1750

Built-in Exposure Meter • New light value system • Automatic preset (2.8 Tessar lens • Rangefinder-Priam focusing • Self timer • 1-1/500 sec • MX Synch

869.50 Plus your Contaffex I \$99.50 Plus your Contessa MX



1956

Rapid Film Transport • 1-1/1000 sec.
• Synch for strobe & bulbs • Single Window Range & Viewfinder - Luminous focusing • Life size finder

obs plus your CONTAX HA body for LEICA HIF 108.50 plus NIKON SI body ALL CAMERA TRADE-INS ACCEPTED



LEICA M3 9750 Rapid Film Transport • Single Window View-Rangefinder • Life size image • Self Timer • Bayonet Lens Mount PLUS YOUR • PLUS YOUR • SELFTIMER • SELFTIMER • (BODY FOR BODY)



NEW FULLY AUTOMATIC 58mm 12 AUTOMATIC BIOTAR LENS

Converts your camera to full AUTOMATIC OPERATION! \$64.50 and your Pro-set Biotar

SPECIAL F2.8 AUTOMATIC TESSAR LENS \$49.50 AND YOUR PRE-SET TESSAR

| 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 CAMERA TRADE-IN MART OF THE NATION The

LIMITED QUANTITY FIRST COME

BRAND NEW

FIRST SERVEDI

Regularly \$449.50 NOW

258⁵⁰

Brand New Exakta VX°
Pro-set Biotar Lons
Pro-set Biotar Lons
Penta Priam Finder
Spilit-Image Rangefinder Insert
Extra Ground Glass Insert
100mm 14.5 Exakta Co. Telephete Lons
Exakta Extension Tube Set for Closs-Ups
Exakta Extension Tube Set for Closs-Ups
Exakta B.C. Flashgun • Leather Case

(DISC.)

BRAND NEW 1956 AUTOMATIC

e Brand New 1956 EXA MX

• F3.5 Zeiss Tessar Lens

• Penta Priam Finder

• Split-Image Rangefinder Insert

• Extra Ground Glass Inse

The Exa is the streamlined version of the famou Camera. The Exa accepts all Exakta lenses & acc



1956 AUTOMATIC

OUTFIT

Regular \$433.20

 179^{50} 1988 Automatic Pentacon Somm (2 Automatic Westagen Lens Prismatic Viewfinder Strobe & Bulb Synchronization 100mm (4.5 Pentacon Telephoto Lens Pentacon B.C. Flashgun est for Close-Ups Leather Case

CONDITION



BRAND NEW 1956 AUTOMATIC PRAKTIFLEX FX OUTFIT

Brand New 1956 Automatic Praktifiex FX 50mm f2.8 Automatic Westenar Lens Extra Prism Finder 100mm f4.5 Praktifiex Telephoto Lens 40mm f4.5 Praktifiex Wide Angle Lens Praktifiex Extension Tube Set for Close-Ups Leather Case o BC Plashgun

\$317.20 HOW \$168.50



ONLY 46 AVAILABLE

NEW MINICORD III

FLASH SYNCHRONIZED

• 10mm Sub Miniature • Reflex Focusing • f2 ctd. Lens • Rapid Film Transport • Pistol Grip • Magazine Loading
• Enlargements up to 18 x • No Larger
Than a Pack of Cigarettes

REG. NOW \$7850

FREE CASE . FILM-SI



☐ I WANT TO BUY, Rush best offer on.....

☐ I want to trade.* Rush best offer for

Address State Send Copy of Wall St. Cam. News Freel

*All our merchandise fully guaranteed 1 year, 10 day return privilege.

y

7.

-

e

S

e

N

e

34

P.

y

7e

200 is

th

0

n-

at

he

an

rn

of ру

bν

e's

rd t's

nd

ng

of

el-

ng

ve.

1 8

HY

CAMERA GUIDE

(Continued from page 113)



f/4.5 Vaskar, or 75mm, f/3.5 Skopar. Shutter: Prontor 00 or Compur 00, 1 to 1/300 sec.

Special Features: Frame-type optical viewfinder; trigger-type shutter release in baseboard; built-in depth of field scale.

Last List Price: With 75mm, f/3.5 Voigtar, \$45; with 75mm, f/4.5 Vaskar, \$55; with 75mm, f/3.5 Skopar, \$65.

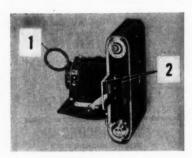
Last Reported Used Selling Price Range in 1955: With f/3.5 Voigtar and Prontor. \$14.95.\$29.50

Special Identification Points: 1. No built-in filter as in later versions.

VOIGTLANDER BABY BESSA (6 x 6 model)

Film Size: 12 pictures 21/4 x 21/4 on 120 film.

Introduced: 1948 Discontinued: 1950



Lens: 75mm, f/3.5 Voigtar or 75mm, f/4.5 Vaskar.

Shutter: Prontor 00, with speeds down to 1 sec., plus B & T and self-timer.

Special Features: Built-in hinged filter.

Other features same as first model.

Last List Price: With 75mm, f/3.5 Voigtar, \$39.50; with 75mm, f/4.5 Vaskar, \$45.50

Last Reported Used Selling Price Range in 1955: With f/4.5 Vaskar, \$19.50-\$30

Special Identification Points: 1. Builtin filter; 2. Frame, instead of builtin optical finder as in later versions.

VOIGTLANDER BABY BESSA (1948 model)

Film Size: There are two versions of this model: one takes 12 pictures 2½ x 2½ on 120 film; the other takes 16 pictures 15% x 2¼ on 120 film.

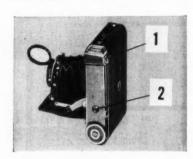
Introduced: 1948 Discontinued: 1950
Lens: 75mm, f/3.5 Voigtar; 75mm, f/4.5 Vaskar; 75mm, f/3.5 Skopar; or 75mm, f/3.5 Heliar.

Shutter: Prontor 00 or Compur 00.

Special Features: Optical viewfinder;
automatic exposure counter. Other
features same as 6 x 6 model.

Last List Price: With 75mm, f/3.5 Voigtar, \$39.50; with 75mm, f/4.5 Vaskar. \$45.50

Last Reported Used Selling Price

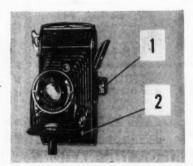


Range in 1955: Not available. Special Identification Points: 1. Builtin optical viewfinder; 2. Automatic exposure counter.

VOIGTLANDER BESSA 6 x 9

Film Size: 8 pictures 2½ x 3½, or 16 pictures 15% x 2½ on 120 film. Introduced: 1937 Discontinued: 1940 Lens: 105mm, f/7.7 or f/6.3 Voigtar; 110mm, f/6.3 or f/4.5 Voigtar; or 105mm, f/4.5 Skopar.

Shutter: Singlo (with f/7.7 Voigtar), 1/25, 1/75 sec., plus B & T and self-timer; Prontor (with 105mm or 110mm f/6.3 Voigtar), 1/25 to 1/125 sec., plus B & T and self-timer; Prontor II (with 110mm, f/4.5 Voigtar), 1 to 1/150 sec., plus B & T and self-timer; or Compur (with 105mm, f/4.5 Skopar), 1 to 1/250, plus B & T and self-timer.



Special Features: Optical and waistlevel finders; trigger-type shutter release in baseboard; built-in depth of field chart; mask for taking 16 pictures 15% x 21/4.

Last List Price: With f/7.7 Voigtar, \$16; with f/6.3 Voigtar, \$21.50; with f/4.5 Voigtar, \$27.50; with f/4.5 Skopar, \$43.50

Last Reported Used Selling Price Range in 1955: With f/4.5 Skopar, \$18.\$28

Special Identification Points: 1.
Frame-type, instead of built-in optical viewfinder as in later versions;
2. Shutter release in baseboard, instead of body of camera as in later versions.

VOIGTLANDER BESSA I

Film Size: 8 pictures 2½ x 3½ or 16 pictures 15% x 2½ on 120 film.

Introduced: 1950 (Currently in production)

Lens: Factory coated 105mm, f/4.5 Vaskar or 105mm, f/3.5 Color-Skopar.

Shutter: Early versions had Prontor S, 1 to 1/250 sec., plus B and self-timer, or Synchro-Compur, 1 to 1/500 sec., plus B and self-timer. Current versions have Prontor SV, 1 to 1/300 sec., plus B and self-timer.

Special Features: Factory installed flash sync; double exposure prevention; parallax-compensated optical viewfinder; zone focusing; body



shutter release; built-in depth of field scale; mask for taking 16 pictures

Last List Price: With f/4.5 Vaskar lens, \$57.50; with f/3.5 Color-Skopar lens, \$72.50

Last Reported Used Selling Price Range in 1955: With f/3.5 Color-Skopar, \$42-\$54

Special Identification Points: 1. No built-in rangefinder; 2. Body shutter release.

VOIGTLANDER RANGEFINDER BESSA

Film Size: 8 pictures 2½ x 3½ or 16 pictures 15% x 2½ on 120 film.

Introduced: 1939 Discontinued: 1941 Lens: 105mm, f/3.5 Skopar. Shutter: Compur-Rapid, 1 to 1/400



sec., plus B & T and self-timer.

Special Features: Coupled rangefinder; built-in hinged filter; mask for taking 16 pictures; viewfinder-mask selector knob; trigger-type shutter release in baseboard; built-in depth of field scale.

Last List Price: \$75.

5

00

d

n-

al

ly

of

ic-

ns.

ns.

ice

or-

No

nut-

16

941

400

Last Reported Used Selling Price Range in 1955: \$34-\$44.

Special Identification Points: 1. Builtin hinged filter; 2. Made only with black finish.

VOIGTLANDER BESSA II

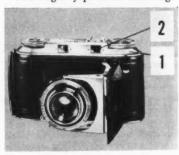
Film Size: 8 pictures 2½ x 3½ on 120 film.

Introduced: 1950 (Currently in production)

Lens: 105mm, f/3.5 Color-Heliar, 105mm, f/3.5 Color-Skopar, or (in latest version only) 105mm, f/4.5 Apo-Lanthar.

Shutter: Synchro-Compur, 1 to 1/500 sec., plus B and self-timer.

Special Features: Coupled rangefinder with single eyepiece for view-range-



finder; factory installed flash sync: zone.focusing settings; built-in depth of field scale; trigger-type shutter release in baseboard.

Last List Price: With f/3.5 Color-Heliar, \$159.50; with f/3.5 Color-Skopar, \$119.50; with f/4.5 Apo-Lanthar, \$200.

Last Reported Used Selling Price Range in 1955: With f/3.5 Color-Heliar, \$57-\$79.50.

Special Identification Points: 1. Made only with chrome finish; 2. Single window for view-rangefinder.

ZEISS

Manufacturer: Zeiss Ikon A.G., Stuttgart, Germany.

Importer: Carl Zeiss, Inc., 485 Fifth Ave., New York 17, N. Y.

SUPER IKONTA A (1934 model)

Introduced: 1934 Discontinued: 1937 Film Size: 16 pictures 134 x 244 on 120 film.

Lens: 70 or 75mm, f/3.5 Zeiss Tessar. Shutter: Compur-Rapid, 1 to 1/500 sec., plus B & T.

Special Features: Coupled rangefinder; self-erecting front; direct-vision optical finder.

Last List Price: With 70 or 75mm Tessar, \$110.

Last Reported Used Selling Price



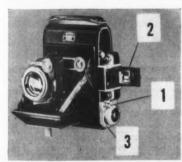
Range in 1955: \$29.50-\$44.

Special Identification Points: 1. No body shutter release (on earlier version only); 2. Made only with black enamel finish with nickel-plated fittings; 3. No built-in flash sync.

SUPER IKONTA A (1937 model)

Film Size: 16 pictures 13/4 x 21/4 on 120 film.

Introduced: 1937 Discontinued: 1950 Lens: 75mm, f/3.5 Tessar (between 1948 and 1950 came with 75mm f/3.5 Schneider Xenar lens).



Shutter: Compur-Rapid, 1 to 1/500 sec., plus B.

Special Features: Double exposure prevention; body shutter release; Albada sports finder. Other features same as 1934 version.

Last List Price: With 75mm, f/3.5 Tessar, \$204; with 75mm, f/3.5 Xenar, \$162

Last Reported Used Selling Price Range in 1955: With f/3.5 Xenar, \$46-\$59.

Special Identification Points: 1. Body shutter release; 2. Albada finder; 3. Made only in chrome finish; 4. No built-in flash sync.

SUPER IKONTA A (1950 model)

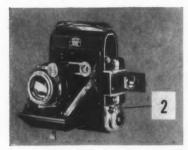
Film Size: 16 pictures 13/4 x 21/4 on 120 film.

Introduced: 1950 (Currently in production)

Lens · Factory coated 75mm, f/3.5 Zeiss Tessar.

Shutter: Flash-synchronized Compur-Rapid, 1 to 1/500 sec., plus B (latest version has Synchro-Compur with same range of speeds).

Special Features: Factory installed



sync (MX in latest model); blankexposure prevention. Other features same as 1937 version.

Last List Price: \$102.

Last Reported Used Selling Price Range in 1955: \$54-\$76.

Special Identification Points: 1. Builtin flash sync; 2. Visual signal for blank-exposure prevention.

SUPER IKONTA B (1935 model)

Note: Originally known as Super Ikomat.

Introduced: 1935 Discontinued: 1937 Film Size: 11 pictures 21/4 x 21/4 on 120 film.

Lens: 80mm, f/3.5 or f/2.8 Zeiss Tessar.

Shutter: Compur-Rapid, 1 to 1/400 sec., plus B and self-timer.

Special Features: Coupled rangefinder; built-in depth of field scale; body shutter release; double exposure prevention; exposure counter; accessory shoe.

Last List Price: With f/2.8 Tessar, \$154; with f/3.5 Tessar, \$140. (Continued on page 132)



CORBINA REFLEX

(Continued from page 92)

open frame sports finder built into it as in most cameras. Instead, a direct optical finder for the 58mm lenses is incorporated into the camera body. Ground glass image brilliance is comparable with the best single-lens 35mm reflex cameras. The mirror mechanism is spring operated and flies out of the way automatically when the shutter release is pressed.

The back of the Corbina removes completely for loading. The body interior is not a solid casting but is made largely of sheet metal. A careful examination of both camera and negatives revealed that alignment of the film plane was quite accurate.

Besides the automatic diaphragm, the other big news about the Corbina is in the accessory department. On the bot-



Rapid wind motors work from small keyed wheel inset in Corbina bottom.

tom of the camera is a recessed notched wheel. This wheel will connect to all sorts of automatic spring drives. There is a spring motor drive that attaches to the bottom of the camera. You can shoot up to ten frames as fast as you can press the shutter release. There is another motor drive which can be operated by remote control. There are also several bulk-film backs which allow bulk rolls of film to be used instead of standard cartridges. The bulk-film backs and



Remote control motor and bulk film back are among interesting accessories promised for Corbina in future.

motor drives can be used in conjunction with one another. A portrait viewing accessory is another interesting gadget. A lightbox and tube mount in place of the eye- or waist-level viewer. At the end of

the lightbox is a ground glass which shows an enlarged viewing image, 3 x 4½ inches. Other accessories have been promised—stereo attachments, bellows for close-up work, microscope adapters. None are available in the United States at present, and no prices have been fixed upon them. For that matter, the exact price of the Corbina has not yet been determined.

There are, however, a few other things you should know about this camera. Some models do not have the built-in automatic diaphragm control. If you want an automatic Corbina examine the inside of the camera body for the automatic lever (see picture, page 92). If the camera body does not have this lever, it will not operate automatically even if it has the automatic lens. All automatic lenses for the Corbina have the small push rod at the rear (see picture, page 92).

Also watch for this same camera model imported under other names. There may be several possible importers, all bringing in the same machine under different brand names. You'll have to compare the photographs in Modern with the actual cameras to see if they're the same. The Corbina (named after a fish, incidentally) is expected to be the import of Alfa Photo Corp., 303 West 42 Street, New York 36, New York, who will



Wind knob contains the frame counter numbers and is surrounded by a collar indicating all the shutter speeds.

also handle all the accessory equipment. The model used by MODERN had one flash sync terminal for X sync, but some others will have two; one M, the other X.

Modern worked with two Corbinas. one with and one without the automatic mechanism, for three months. They behaved admirably. No mechanical trouble of any sort was experienced. The camera handles easily. The shutter release, at an angle at the front of the camera, was comfortably placed. Loading, changing lenses were accomplished swiftly. The f/2 58mm Biotar lens is an established optic of proven quality. Camera finish and construction compare with other good instruments made in the Eastern zone of Germany. The prospective buyer will be getting an interesting camera in the Corbina, with or without accessories .- H. K.

he suitch is

THE FASTEST TIME PAYMENT SYSTEM IN THE WORLD CREDI



FOR TOP QUALITY PICTURES!! THE ALL NEW 24 x 24 1956 MODEL SUPER RICOHFLEX

This latest model Ricohffax with new improved shutter, speeds from 1/10th to 1/200th of a second -- needle sharp matched and coated 7.5. lenses -- built-in Flash and new type Eye Level Sports finder is capable of producing prize winning pictures every time. Comes complete with Leather Everready Case.

ONLY \$3.60 DOWN!



TOP QUALITY MOVIES ARE SIMPLE WITH...KEYSTONE CAPRI 8mm MOVIE CAMERA!

This easy to use 8mm roll film camera fea-tures Drop-in loading, continuous run and single frame exposures, F2.5 coated lens in interchangeable lens mount and features a new crank type winding key. ONLY \$4.95 DOWN

Other Smm roll and magazine cameras in sto Write for free literature.

TRIAL



INTRODUCING THE NEW 1956 RICOH 35

The world famous Ricoh quality is now found in this 35mm camera. A needle sharp F3.5 coated ronized Rash, Coupled Rangefinder, Single Window View-Rangefinder, Double Exposure Preventative Mechanism, advance and shifter cocking lever and many more high mitages are to be found in this complete camera cutifit.

Included with the camera are Case and Flashgun. \$59.95 Cash

ONLY \$5.95 DOWN!



Truly a Masterpiece In 8mm Projection Equipment! ... Keystone K109M

A full 400 foor real capacity with forward and reverse projection ... fully gear driven ... plus a built-in Splicer and Viewer... plus a room lamp swirch ... plus the new MAGNASCOPE projection lens ... plus a life-time guarantee. ONLY \$15.95 DOWN

\$159.50 Cash Other 8mm Projectors in stock

(8)

BRAND NEW 1956 MODEL KALART 8mm EDITOR!

Contains built in Rewinds and Splicer, plus Full Size Action Picture. A brilliant screen! Also, single key control. Complete with handy Carry-ing Case. Cash 39.50

PLUS FILM CEMENT ONLY 3.95 DOWN



Keystone 16mm Magazine Camera Model K51

Zoom finder for use with all lenses from wide angle to telephoto with P2.5 coated lens single frame and continuous run...uses magazine film Guaranteed for life.

\$129.50 Cash

ONLY \$12.95 DOWN





A Truly Compact, Versatile, Precision, **Automatic Cameral**

KODAK RETINA IIIC

This outstanding 35mm Camera has the world famous Schneider Kenon f2 Lens in LVS Compur Rapid Shutter with Rapid Advance Shutter Cocking Lever. Fully Synchronized for Strobe te Lenses, Exposure Meter. The hottest Camera market in years.

190.00 Cash

ONLY 19.00 DOWN!



FOR PRIZE WINNING PHOTOS! ROLLEICORD V

The World's finest Twin Lens Reflex. The latest Compur Cross Coupled Shutter makes picture taking a breeze. Fully synchronized double exposure prevention, Self Timer, and 149.50 Cosh deluxe Eveready Case. ONLY 14.95 DOWN!



The Revolutionary New 1956 F. R. ELECTRONIC FLASH

Now you can shoot flash for 1/4 cent per picture! Imagine the savings! This power packed unit uses 4 ordinery flashlight batteries, or AC and weighs only 2½ pounds. It has a high color guide number.

ONLY 5.50 DOWN! 54.95 Cash



THE ULTIMATE IN ENLARGERS **BESELER ENLARGER MODEL 45M**

The most absolute rigidity to be found in any enlarger—with completely automatic Electric Centrols—10mm to 4 x 5 negatives without changing condenser. One lensboard for all focal lengths Built-in filter slot and many more features exclusive in the Beseler \$189.75 Cash ONLY \$18.95 DOWN

Write for free Book on Enlarging



"TOPS IN ITS FIELD" NORWOOD DIRECTOR COLORMATIC METER

Rated by professionals as most accurate. For incident and reflected light. Very latest model complete with grid and disc.

3 2.95 Cash ONLY 3.30 DOWN!

TRADE-INS ACCEPTED

LIFETIME

CAMERA EXCHANGE

1193 SIXTH AVENUE City. NEW YORK 36, N. Y.

Please Rush Me The Following.

I Enclose 10% I Enclose Cash. I Want To Trade.

(Your Trade-In Can Be Used As A Down Payment)

Address. State

We Carry Everything Photographic. Please Write-In for Quotations On Items Not Listed. Speedy Replies.





The ideal portable for ordinary photography! Featherlight; 1/1,300 sec. flash duration; powerful = 2,200 b.c.p.s.; 4-sec. recharge time; b&w film guide no. 220, new Ektachrome 65; uses dry battery (1,000 flashes per battery), can convert to A.C. \$89.50 plus battery



The greatest portable for its weight! Highpowered, heavy duty; tremendous light output -7,500 b.c.p.s.; 1 2,500 sec. flash duration; 8-sec. recharge time; b&w film guide on 400, new Ektachrome 80; A.C. or battery (lasts 15 years, thousands of flashes) \$289 with battery



AMERICAN SPEEDLIGHT CORP.

Polaroid owners! Are you getting results like this?



Lines caused by fogging when new, fast films are used. It can be cured with black tape available from Polaroid

The new, faster Polaroid Land films have left a number of camera owners with a puzzling problem. On many of their shots, white lines appear at the bottom. But the mystery has been solved. Light has been reflecting from the highly polished black enamel raised ribs on the rear door of some of the older Polaroid cameras. While this light leak didn't seem to harm the slower films, it has been fogging the new ones and causing the lines to appear. The problem can be solved with a simple piece of black adhesive tape, which the Polaroid Corp. will gladly send you if you write requesting it from: Department BT, Polaroid Corporation, Cambridge 39, Massachusetts. Here's how the tape works. >



Here's the cause of trouble—reflections from shiny, raised ribs.



Black tape is sealed in wax paper. First job is to peel tape away carefully.



Cover raised ribs on back plate as shown. Lines will no longer appear.

Free Literature

A three-color Automatic Exakta VX brochure has been prepared for the novice in photography as well as for the advanced amateur and professional. 10 photographs show the outstanding features of the Automatic Exakta VX and its practical photographic applications. A price list for 35-mm Automatic Exakta VX Cameras, wide angle and telephoto lenses and many accessories is included. Write to: Bxakta Camera Co., 705 Bronx River Rd., Bronxville 8, N. Y.

A twenty-eight page booklet, Motion Pictures Through the Microscope, has been prepared as a complimentary publication to the Kodak Data Book, "Photography Through the Microscope." It completely covers the additional technical problems involved in making motion pictures through the microscope. The latest methods are discussed in detail. The booklet may be obtained without charge by writing Sales Service Division, Eastman Kodak Co., 343 State St., Rochester 4, N. Y.









Self Illuminating BATTERY VIEWER Modern in design .. color ... styling

Equipped with

SCOPING LENS In

a hand held self



Illuminating viewer · Viewing Slot accommodates All 2x2 (35 mm) Slides



Packaged in attrac-tive 3-color box. 595

Complete with Batteries &

COMPACT-O-LITES



675 to \$1**7**95 Send for Circular Describing Entire Line of Photo Products Manufactured.

METAL PRODUCTS CO. 108 N JEFFERSON ST CHICAGO ILL

ROLLEI COLOR

(Continued from page 89)

the area to be cut depend upon light entering the camera lens and striking small slits in the metal frame. If you're shooting a dark subject, or a subject with central brilliance only, such as a portrait under a directional spotlight,



Flexible ground glass mask drops in place through hood of Rollei, but will fit just about any 21/4 x 21/4 reflex.

the lines may not register. In these cases you'll simply have to cut the transparency to fit without the help of the lines

The new Rollei system is going to raise one large question. Don't you lose a good deal of area by employing the mask in the back of the camera to reduce picture size from the standard 21/4 x 21/4 to 11/2 x 11/2 in.? To begin with, if



When film is returned from processor. cut along lines outside of picture area. Cameras other than Rolleis will not produce these lines, however.

you take careful measurements, you'll find that the picture area of a mounted 21/4 x 21/4 in. transparency is actually only 2 x 2 in., while the new system uses the full 11/2 x 11/2 in. format. So you really only lose 1/2 in. all around. If you feel so inclined, you can always leave the mask out. Then, when you get your picture back, you can crop it any way you wish to fit the 11/2 x 11/2 inch format. So, although you waste film area, you gain adaptability since this new system is the only one allowing cropping after the picture is actually shot,

Modern, in testing the new system, was surprised it worked so well. We frankly expected the larger transparency size of 11/2 x 11/2 to buckle in its cardboard mount. Buckling is one of the primary reasons for recommending that 21/4 x 21/4 transparencies always be mounted in glass. But the new, in-between size did not buckle. Instead. it lay quite flat in the film plane. It seldom "popped" out of focus when it became warm in the projector, as do many 35mm cardboard-mounted slides.

How about 21/4 x 21/4 reflex cameras other than Rolleis? Aside from the focal-plane film mask, which will fit few other cameras, any camera can use the new system. The full 21/4 x 21/4 transparency can be cut to fit the 11/2 x 11/2 inch masks. In fact, if you have any old, unmounted 21/4 x 21/4 transparencies that can stand cropping (and you'll be



Slip cut-out transparency in open cardboard mount, Lines around picture area will insure right size.

surprised how many need it), you can remount them for projection with the new system.

There's more good news for Rollei owners. Several of the larger color-processing labs have reached agreements with Burleigh Brooks to process films shot by the new system and return them already mounted for you in the cardboard mounts. (For a list of these processors, send a self-addressed. stamped envelope to Mount Editor, MODERN PHOTOGRAPHY, 33 West 60th Street, New York 23, N. Y.)



With iron set at low heat, press mount shut around all four edges. Be careful not to pass iron over the actual transparency area itself.

> Don't miss MODERN for Jan. How good is the Leica? Eisenstaedt, an analysis. Movie Photo Course!

ADMININGS OF BUILDING GASSING PROPERTY.

in design and precision

there's nothing like a LEICA

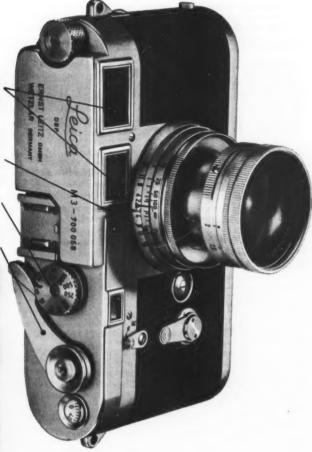


Bright-line frame outlines exact field of view. Frame changes automatically with insertion of different lenses. Automatic parallax correction for all lenses.

Precision bayonet quick-change mount for complete range of interchangeable lenses, combines speed and convenience of bayonet mount with safetyand rigidity of thread mount. Thread mount LEICA lenses can be used, with proper adapters.

Shutter speed dial with click stops from 1 to, 1/1000th sec. and Bulb.

Lever for rapid film advance and simultaneous cocking of shutter—prevents double exposures.





Life-size viewfinder and rangefinder combined in one large viewing window.

Two flash outlets (back of camera) provide full and automatic synchronization for flash bulbs and electronic flash.

Exposure meter with extreme sensitivity range couples directly to shutter speed dial for quick, automatic settings.

These are just a few of the many outstanding features of the new LEICA M-3.

The 35mm LEICA M-3 is the world's most advanced camera. Made by the manufacturers of famous Leitz microscopes, it represents a unique achievement in camera craftsmanship. Let your LEICA dealer show you the many automatic features that make it the world's most advanced camera.



lifetime investment in perfect photography

E. LEITZ, INC., 468 FOURTH AVENUE, NEW YORK 16, N. Y. Distributors of the world-famous products of Ernst Leitz, Wetziar, Germany L'ENSES · CAMERAS · MICROSCOPES · BINOCULARS

IT'S HERE!

A Precision RACK-OVER and TITLER accessory that makes perfect titles with ease.

For all Bell & Howell 70 And Bolex H8 & H16 Cameras



Now your ANIMATION, TITLING and ULTRA CLOSE-UPS can be framed accurately.

Parallax is eliminated. You frame from the exact position the lens will occupy when filming.

TITLER ACCESSORY

(Mounts on the RACK-OVER) \$2

Zooms * * Superimposed Titles, etc. In B & W or color film. Use front or back lighting. (A #2 photoflood will suffice.) Mount any poster, post card, photo or picture up to 8"x10". Colored lettering made easy by using filters supplied.

Equipment furnished: Sturdy built Zoom Titler with adjustable stops—Folding frame with 5"x7" light defuser—(12) masks—(4) 5"x7" negative film titles (for back lighting)—(4) printed titles (for front lighting)—(3) 5"x7" color filters—8"x10" mounting board. Instructions.



Sight— Viewfinder is in center of title

RACK-OVER— Lens is in center of title





CINE PRODUCTS Co. P. O. BOX 135, WESTLAKE, OHIO

ROLLEI 2.8D

(Continued from page 88)

f/4, the proper opening. The pointer still remains at thirteen.

The more you work with the system, the handier it seems. One exposuremeter reading, and you can put the meter away, unless subjects or other conditions change. Need a larger opening to blur your background? Simply move the aperture wheel to the opening you want, and the shutter speed will adjust automatically to the proper speed.

When you don't want the intercoupled Light Value Scale, you can always lock it out. (For a more complete explanation of the LVS system, see MODERN'S February issue, page 98.)

New shutter

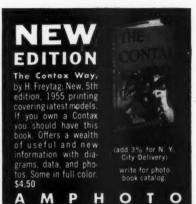
The Synchro-Compur shutter has also undergone a change in order to conform with the LVS system. Shutter speeds are now in arithmetical progression: 1, $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{48}$, $\frac{1}{15}$, $\frac{1}{30}$, $\frac{1}{60}$, where $\frac{1}{125}$, $\frac{1}{125}$, and $\frac{1}{500}$ sec. This new numbering system is apt to cause some distress among meter owners who find the meter dials registering the older $\frac{1}{10}$, $\frac{1}{25}$, $\frac{1}{50}$, $\frac{1}{100}$, $\frac{1}{250}$ sec. system. The closest equivalent will generally do (if your meter reads $\frac{1}{50}$ sec., for instance, you can use $\frac{1}{60}$ sec.). A great number of the newer meters, however, will have dials in accord with the LVS system.

The LVS system isn't the only new addition to the Rollei. The two, rather clumsy, thumb locks around the aperture and shutter-speed wheels have been replaced with an excellent click-setting device which is sufficiently ridged to hold the settings in place, but which can be changed easily when wanted. On the old—and now discontinued—2.8 C model, there were two levers on top of the camera's front plate. One controlled the sync; the other, the self-timer. On the 2.8 D, one lever controls both.

Other changes

There are two other changes on the Rolleiflex 2.8 D. The two levers, which act as collars around the flash outlet and shutter release, have been redesigned to correspond with the improved ones on the f/3.5 models.

Other Rollei features remain the same as on the 2.8 C: speeds from 1 to $\frac{1}{500}$ sec., automatic shutter and film wind by crank, eye-level focusing as well as standard waist-level focusing. The Rolleiflex 2.8 D can be had with the five-element Schneider Xenotar or Zeiss Planar lens for \$291.50, less case. It's definitely a camera the professional or advanced amateur will want to look at, try, and, if he can, add to his equipment.—H. K.



when you buy a new or used camera GET A BOOK ON IT!

33 WEST 60th ST., N. Y. 23, N. Y.

	_							
153	Argus Guide	Tydings	\$1.95					
133	Argus, Picture Making	Deschin	3.00					
236	Bell & Howell Movie Guide	Tydings	1.95					
216	Bolex Guide	Surgenor	1.75					
178	Bolex Movie Guide	Tydings	1.95					
76	Bolsey Guide Ab	el & Tydings	1.95					
229	Canon Guide	Tydings	1.95					
168	Contax Guide	Emanuel	1.75					
204	CONTAX WAY	FREYTAG	4.50					
62	Contessa Guide	Emanuel	1.75					
162	Exakta, 35mm Photography	Deschin	4.95					
143	Exakta, 35mm With The,	Allinson	3.00					
232	Exakta Guide Ab	el & Tydings	1.95					
141	Exakta Guide	Emanuel	1.75					
176	Graphic Graphlex Morga		6.00					
82	Graphex 22, Photog. With the		3.00					
230	Ikoflex Guide	Tydings	1.95					
169	Ikonta Guide	Emanuel	1.25					
456	Karat Guide	Emanuel	1.25					
234	Keystone Movie Guide	Tydings	1.95					
128	Kodak Miniature, Guide to	Tydings	1.95					
171	Korelle Guide	Emanuel	1.25					
140	Leica Guide	Emanuel	1.75					
659	Leica, Basic Technique	Bombach	4.75					
220	Leica Book, Pocket	Kisselbach	2.95					
113	Leica & Leica Type Cameras	Tydings	1.95					
74	Leica Manual More	gan & Lester	6.00					
457	LEICA WAY	MATHESON	4.50					
196	Nikon Guide (Dec.)	Schwaiberg	1.95					
658	Praktiflex, 35mm with the	Bombach	3.75					
142	Retina Guide	Emanuel	1.75					
217	RETINA WAY	CROY	4.50					
227	Revere "33" Stereo Guide	Tydings	1.95					
59	Robot Guide	Emanuel	1.25					
225	Rollei Manual	Pearlman	7.95					
677	Rollei Handbook	Pearlman	3.75					
166	Rollei Photography	Deschin	5.00					
679	Rollei Book	Heering	6.50					
51	ROLLEI WAY	MANHEIM	3.75					
145	Rollei Guide	Emanuel	1.75					
209	Rolleiflex and Rolleicord	Tydings						
235	Stereo Manual More		6.00					
77	Stereo Realist Guide	Tydings	1.95					
465		Emanuel	1.75					
172	Vito Guide	Emanuel						
173	Voigtlander Guide	Tydings						
215	Zeiss Ikon Guide	Tydings						
If coupon is clipped send order anyway to								
AMI	PHOTO, 33 West 60th St., P	New York 23.	, N. Y.					

AMPHOTO 33 West 60th, New York 23, N. Y.

Amt. Encl. S.
In Canada: Visual Equipment Co., 5635 Clanranald Ave., Montreal, Quebec. Please send me postpaid the books whose numbers I have circled. 229 143 232 141 176 82 230 169 456 234 128 171 140 659 220 113 74 457 658 142 217 227 59 225 677 166 679 51 145 209 235 172 173 215 196 Name. Address_

City State

ALL ORDERS ARE SHIPPED POSTPAID. No Co.D.D.'s. Add 3% sales tax with orders for M. Y. City delivery; add 10% per title for delivery outside U.S. A., except APO's. Allow approximately 2 weeks for delivery. If not satisfied return books within 5 days to

"I earned \$75000 on this one baby picture! YOU TOO CAN MAKE BIG MONEY"

-savs Josef Schneider

America's top child photographer, who now teaches his amazingly successful methods in his unique Child Photography Course for home study.



Courtesy E. R. Squibb and Sons and its agency Cunningham & Walsh, Inc.

About Your Teacher . . . Josef Schneider has photographed children for important steps in this direction you will ever take. Act today! Eastman Kodak, Jello, Prudential Life Insurance, Johnson and Johnson, Fill in and mail the coupon below for the full story. Gerber, Squibb, Playtex. When invited to photograph the young Crown Prince of Sweden, a Swedish magazine called him, "The greatest child THE ACADEMY OF PRACTICAL PHOTOGRAPHY, INC. Photographer in the world". In this home-study course Schoelder is proc. photographer in the world." In this home-study course, Schneider is practically at your side, guiding and encouraging you. How can you fail?

"Big fees are paid every day in this richly rewarding field. I learned the hard way. Now I can teach you, step by step, the secrets of taking pictures that bring high pay as private portraits or in commercial advertisements.

Everybody wants good pictures of children. Parents . . . advertising agencies . . . newspapers and magazines—all clamor for really striking child photographs. Child photography is big business! A money-maker! Bound to grow as the U. S. birth-rate goes up, up. up! In no other field we know of can you earn so much, in so little time, with so little equipment!

YET REALLY GOOD CHILD PHOTOGRAPHERS ARE SCARCE! Opportunity is wide open to men and women who know the secrets this course will teach you. Josef Schneider has worked out his own rapid, dramatic, sure-fire methods. He will pass these secrets on to you, in plain words and hundreds of vivid pictures, in his new home-study Child Photography Course.

IN TEN FASCINATING LESSONS HE WILL TEACH YOU:

How to place lights that glorify but don't glare and scare. How to turn the "NO" of a balky baby into "Do it again, man." How to inject action, mood, fresh ideas, into your pictures. How to get started on the right foot to make your skill pay off.

LEARN IN YOUR OWN HOME, in your spare time, at your own speed! Experience? Fancy equipment? Josef Schneider started out grass-green, with home-made lamp reflectors, and reached the top in a few years. This is your big chance to get into a new, profitable career!

INCREASE YOUR INCOME! This course, which you can master in your daytime or evening spare hours, may easily be one of the most

119 West 57th Street, New York 19, N. Y.

FEATURES THAT CAN'T BE MATCHED ANYWHERE!

- 10 lessons in 3 sturdy binders. Large pages, Profusely illustrated with photos and how-to-do-it sketches. Beautiful permanent reference library.
- 5 double-page Pop-Up Guides in three dimensions and full color. Show exactly how to place child, camera, lights, background.
- "Pete, the Photographic Practice Doll." Provides life-size model for preliminary practice.
- Handsome Diploma. Tells the world you have been trained in child photography by the top man in the field.
- And many other features. All fully explained in free catalog. Send for your copy today.



ATTACH PHOTO HERE FOR = = = =

FREE

INDIVIDUAL CRITICISM

Send the best portrait YOU have taken of a child. Josef Schneider will give it a free critical analysis. It might well be your first step toward a bigger income, an exciting career!

THE ACADEMY OF PRACTICAL PHOTOGRAPHY, INC. Dept. MP3, 119 W. 57th Street, Suite 1402, New York 19, N. Y.

- ☐ I enclose photo for free individual criticism. I understand I am under no obligation and that my photo will be returned
- with criticism. Also send free catalog. Send free catalog describing how Child Photography Course can increase my earnings.

Name.....Age.....

City......State.....



Shoulder weight only 11 lbs.

Recycles in 6 to 10 seconds Minimum light output at 200 watt seconds 6400 BCPS Uniform light from flash to flash

Works on AC or its own 6-volt battery

Charge condition of easily accessible battery visible at all times

NEMS-CLARKE

Incorporated

919 JESUP-BLAIR

DRIVE

SILVER SPRING,

MARYLAND

WRITE DEPT. C FOR

YOUR FREE

DESCRIPTIVE FOLDER

NEW MAKRO-KILAR LENS (Continued from page 86)

boy to his environment. He's not just an interesting boy, he's an interesting boy in a specific place. To see what I mean try covering the buildings on either side with your hands, leaving only the head. There are times when just a head is all a photographer wants. But he should have the freedom to include more, to reinforce his feeling about the subject by including background when he needs it. And the semi-wide angle of the Makro-Kilar gives him this freedom when shoot-

ing close-up."

What about distortion when your lens is close—practically eye-to-eye with the subject? The classic answer is to move back, preferably with a long-focus or telephoto lens in order to keep the image large while gaining proper perspective. Feinstein's views are somewhat unconventional. He feels that the Makro-Kilar shows things more as the eve actually sees them close-up. The eye "distorts," too, at a short range. So with the Makro-Kilar Feinstein tries only to keep the distortion within limits-in order to give the viewer of the print the same feeling the photographer had while making the picture. In the close-up picture of the boy (page 86) Feinstein used one simple device to keep the head from being too noticeably misshapen-he took a three-quarter view, instead of a full face shot. The buildings in the background are purposely out of focus, though they could have been made sharper if Feinstein had felt this was desirable.

For low-light shooting

On the mechanical side, Feinstein liked the ease with which he could focus even in poor light. The f/3.5 Makro-Kilar gave him a brighter, more contrasty image in his prism, eye-level viewer than when he used an ordinary lens at f/2. "And change in focus," he says, "is so apparent that there's no doubt about when the image does or doesn't look sharp." Why? You only need one full turn of the Model D's focusing ring to go from infinity to two inches-and a turn of a little over a quarter of an inch takes you from infinity to 3.3 feet. All these factors, plus the lens' depth of field, are why Feinstein uses the f/3.5 Makro-Kilar by choice (together with the new, fast black-and-white films) under even the poorest lighting conditions.

"Everything about the Makro-Kilar is easy to handle," continues Feinstein, "including the wide, milled rubber focusing ring which can be used while wearing gloves. The lens was designed with the photographer in mind, and offers so much that lack of click stops, pre-set diaphragm, or engraved depth of field scale seems unimportant. For instance, picture of the boys (page 85), I could see well enough to focus and determine just how much was sharp. As I looked through my prism viewer I could keep an eye on all the little things that were going on."

MODERN'S only criticisms of the design come at this point, and they are minor. First, f/stop and focusing rings move so easily that it is possible to change settings accidentally. Though the aperture ring is purposely designed to move easily so you can change aper-



Four useful scales are engraved on both Makro-Kilar models. Reading from bottom to top, on the Model D. above, distance is set for 16cm, or 6.3 inches. Image ratio at that distance is about 1:3.5, and exposure should be increased approximately 1.5X.

ture without altering focus setting, we found it necessary to hold the focusing ring while changing stops.

Second, click stops, pre-set dia-phragm, and engraved depth of field scale have not been included for technical reasons. The pre-set diaphragm would have made the lens too bulky: click stops would have necessitated reducing the easy action of the focusing ring; and an engraved depth of field scale posed problems yet to be solved, considering the nature of the lens and its mount.

You may find some occasions when you miss these features-but fewer than you might think. In some outdoor situations you may need to focus wide-open and stop down to f/11 or 16 later. There's no doubt that taking the camera away from the eye to do this does slow down shooting.

Though depth can be observed with a fair amount of reliability through a prism eye-level viewer, an engraved depth of field scale would be a useful addition for some close-ups and available light pictures, as well as for a few outdoor shots made at lens openings smaller than f/8. To fill this need the importer (Kling Photo Corp., 235 Fourth Ave., New York, N. Y.), packs a depth-of-field chart with each lens.

Simultaneously with testing the lens in actual practice, Modern sent both models (D and E) out for a thorough optical bench test. Each received a rating of "better" than many other top-

(Continued on page 134)

with the lens stopped down to f/8 for the

wonderfal... wonderfal... OLLENSAK



model

8mm Spool-Type

equipped with 3 SUPERB LENSES at surprisingly low cost

Here is the camera that defies comparison for versatility and value. Combining the advantages of the finest in lens quality. 3-lens turret flexibility and spool film economy. it represents the ultimate in luxury equipment and low-cost operation. Equipped with three WOLLENSAK Wocoted lenses-13mm f/1.9 Cine Raptar in focusing mount: 6.5 f/1.9 Wide Angle Cine Raptar in fixed focus: and 38mm (11/2") f/2.5 Telephoto Cine Raptar in focusing mount. Variable optical viewfinder provides precisely correct field of view for all three. 5 speeds; built-in exposure guide. Inc. Tax..... \$19950

add VERSATILITY o your present camera

WOLLENSAK CINESET

WOLLENSAK

let thrilling telephoto and wide angle shots with economical WOLLENSAK Cineset Combinations. All with haze filters . . . many with compensating inders. For 8mm and 16mm cameras . . .





WOLLENSAK OPTICAL CO. 850 HUDSON AVENUE, ROCHESTER 21, N. Y.

CAMERA BUYING GUIDE

(Continued from page 121)



Last Reported Used Selling Price Range in 1955: With f/3.5 Tessar, \$39-\$54.50.

Special Identification Points: 1. Lens and shutter housing finished in black enamel; 2. Separate eyepieces for view and rangefinder; 3. Only Super Ikonta B model without automatic film stop.

SUPER IKONTA B (1937 model)

Introduced: 1937 Discontinued: 1951 Film Size: 11 pictures 21/4 x 21/4 on 120 film.

Lens: 80mm, f/2.8 Zeiss Tessar.

Shutter: Compur-Rapid, 1 to 1/400 sec., plus B and self-timer.

Special Features: Combined eyepiece for view and rangefinder; automatic film stop. Other features same as 1935 model.

Last List Price: \$154.

Last Reported Used Selling Price Range in 1955: \$60-\$86.

Special Identification Points: 1. From 1937 to 1948, lens and shutter housing was finished in black enamel; after 1948, in chrome; 2. Combined eyepiece for view- and rangefinder, and automatic film stop.

SUPER IKONTA B (Latest model)

Introduced: 1951 (Currently in production)

Film Size: 11 pictures 21/4 x 21/4 on 120 film.



Lens: Factory coated 80mm, f/2.8 Zeiss Tessar.

Shutter: Synchro-Compur, 1 to 1/500 sec., plus B and self-timer.

Special Features: Factory installed MX sync., Other features same as 1937 model.

Last List Price: \$145.

Last Reported Used Selling Price Range in 1955: \$77-\$99.

Special Identification Points: 1. Factory installed sync; 2. Shutter speeds to 1/500 sec.

SUPER IKONTA III

Film Size: 12 pictures 2½ x 2½ on 120 film.

Introduced: 1954 (Currently in production)

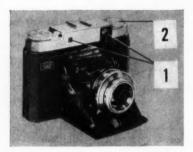
Lens: Factory coated 75mm, f/3.5 Novar or Zeiss Tessar.

Shutter: Synchro-Compur, 1 to 1/500 sec., plus B and self-timer.

Special Features: Coupled rangefinder with combined view- and rangefinder eyepiece; factory installed MX sync; built-in depth of field scale; body shutter release; blank and double exposure prevention; "red-dot" zone focusing; automatic exposure counter and film transport; film-type indicator.

Last List Price: With Novar lens, \$96; with Tessar. \$120.

Last Reported Used Selling Price Range in 1955: With f/3.5 Tessar, \$57.50-\$80.



Special Identification Points: 1.
Rangefinder assembly is completely enclosed; 2. Film-type indicator.

SUPER IKONTA BX (1937 model)

Introduced: 1937 Discontinued: 1952 Film Size: 12 pictures 21/4 x 21/4 on 120 film.

Lens: 80mm, f/2.8 Zeiss Tessar.

Shutter: Compur-Rapid, 1 to 1/400 sec., plus B and self-timer.

Special Features: Built-in photo-electric exposure meter, calibrated in American Scheiner degrees (after 1948 came with ASA indexes); automatic film stop; signal device indicates when all 12 exposures have been completed. Other features same as Super Ikonta B, 1937 model.

Last List Price: \$219. Last Reported Used Selling Price Range in 1955: \$69-\$92.

Special Identification Points: 1. Before 1948 came with exposure meter



in American Scheiner degrees; after 1948 meter had ASA indexes. 2. Exposure meter housing is higher than on later version.

SUPER IKONTA BX (Latest model)

Introduced: 1952 (Currently in production)

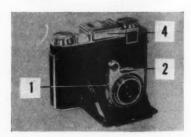
Film Size: 12 pictures 2½ x 2½ on 120 film.

Lens: Factory coated 80mm, f/2.8 Tessar.

Shutter: Synchro-Compur, 1 to 1/500 sec., plus B and self-timer.

Special Features: Factory installed sync; built-in photo-electric exposure meter calibrated in ASA indexes. Other features same as Super Ikonta BX, 1937 model. Note: Exposure meter on this version requires less manipulation than meter in older version.

Last List Price: \$172. Last Reported Used Selling Price Range in 1955: \$70-\$115.



Special Identification Points: 1. Factory installed sync; 2. Shutter speeds to 1/500 sec.; 3. ASA Indexes; 4. Exposure meter housing is considerably shorter in height than an older version.

SUPER IKONTA C (1934 model)

Film Size: 8 pictures 2½ x 3½ or (with mask) 16 pictures 1¾ x 2½ on 120 film.

Introduced: 1934 Discontinued: 1936 Lens: 105mm, f/4.5 or f/3.8 Zeiss Tessar.

Shutter: Compur (with f/4.5 Tessar), 1 to 1/250 sec., plus B & T; or Compur-Rapid (with f/3.8 Tessar), 1 to 1/400 sec., plus B & T and self-timer. Special Features: Coupled rangefinder: self-erecting front: direct-vision

optical finder.

X-

an

1)

n

-25

00

h

ta

re

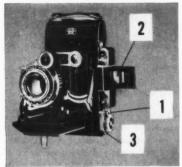
er

Last List Price: With f/4.5 Tessar, \$86; with f/3.8 Tessar, \$122

Last Reported Used Selling Price Range in 1955: With f/3.8 Tessar, \$48-\$62

Special Identification Points: 1. No body shutter release as in 1936 model. 2. Finished in black enamel with nickel-plated fittings; 3. No factory installed flash sync.

SUPER IKONTA C (1936 model)



Film Size: 8 pictures $2\frac{1}{4}$ x $3\frac{1}{4}$ or (with mask) 16 pictures $1\frac{3}{4}$ x $2\frac{1}{4}$ on 120 film.

Introduced: 1936 Discontinued: 1950 Lens: Until 1938, came with 105mm, f/3.8 Tessar; after 1938, supplied with either f/4.5 or f/3.5 Tessar.

Shutter: Compur (with f/4.5 Tessar), 1 to 1/250 sec., plus B and self-timer; Compur-Rapid (Tessar f/3.8 or f/3.5), 1 to 1/400 sec., plus B and self-timer.

Special Features: Double exposure prevention; body shutter release; Albada sports finder. Other features same as earliest version.

Last List Price: With f/3.8 Tessar, \$122

Last Reported Used Selling Price Range in 1955: With f/4.5 Tessar, \$34-\$46

Special Identification Points: 1. Body shutter release; 2. Albada finder; 3. Made only with chrome finish; 4. No built-in flash sync.

SUPER IKONTA C (1950 model)

Film Size: 8 pictures 2½ x 3½ or (with built-in mask) 16 pictures 1¾ x 2¼ on 120 film.

Introduced: 1950 (Currently in production)

Lens: Factory coated 105mm, f/3.5 Zeiss Tessar.

Shutter: Flash-synchronized Compur-Rapid, 1 to 1/400 sec., plus B and self-timer (latest version has Synchro-Compur with same range of speeds).



Special Features: Factory installed sync (MX in latest model); blankexposure prevention. Other features same as 1936 version.

Last List Price: \$114

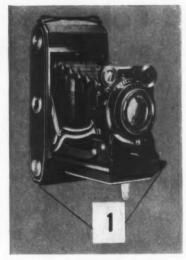
Last Reported Used Selling Price Range in 1955: \$54-\$77

Special Identification Points: 1. Builtin flash sync; 2. Visual signal for blank-exposure prevention.

SUPER IKONTA D

Film Size: 8 pictures 2½ x 4¼ or (with mask) 16 pictures 2½ x 2½ on 616 film.

Introduced: 1936 Discontinued: 1939 Lens: 120mm, f/4.5 Zeiss Tessar. Shutter: Compur, 1 to 1/250 sec., plus



B & T and self-timer, or Compur-Rapid, 1 to 1/400 sec., plus B & T and self-timer.

Special Features: Coupled rangefinder; self-erecting front; direct-vision optical finder.

Last List Price: \$94

Last Reported Used Selling Price Range in 1955: \$34-\$47

Special Identification Points: 1, Considerably larger dimensions than other Super Ikontas.

MISCELLANEOUS CAMERAS

Cameras which do not fit into the foregoing categories have been included here. Among them are the press and press-type cameras, the Plaubel Makinas and Polaroid Land cameras. There are many other makes which we would like to include, but complete information is not yet available. Although prices given here are as accurate and as up-to-date as possible, Modern assumes no responsibility for their final authenticity or likelihood to change.

GRAFLEX

Manufacturer: Graflex, Inc., 154 Clarissa St., Rochester 8, N. Y. (Known before 1943 as Folmer Graflex Corn.)

Type: All of the following Graflex cameras are of the single lens reflex

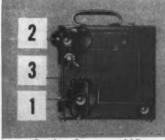
type.

Film: All models except 1A, 3A, and National Graflex use sheet film, plates, or film pack, and also accept Graflex roll film attachments and sheet film or plate magazines.

Lens: Lenses were usually supplied in barrel mounts. However, those cameras having interchangeable lensboards occasionally were fitted with lenses in between-the-lens shutters. Standard lenses include Kodak Anastigmat, B. & L. Tessar, or Zeiss Tessar. The later Graflex models also come with Kodak Ektar or Graflex Optar lenses.

Shutter: All models have Graflex focal plane shutters. Range of shutter speeds varies with the different models.

5 x 7 PRESS GRAFLEX



(Continued on page 144)





The GOERZ Golden DAGOR F:6.8—the Lens without a Peer!

The sufest quide in the choice of a lens is its reputation—its record of past performance.

The GOERZ GOLDEN DAGOR is considered by most prominent professional and advanced amateur photographers, as well as instructors of photography, the world over to be the finest and most accurate general purpose lens ever designed.

The GOERZ GOLDEN DAGOR is the only lens of its type produced in the United States . . . the DAGOR has often been imitated but never equaled!

WARNING: Only G. P. Goerz American Optical Company manufactures GOERZ PRECISION LENSES. Beware of so-called "new" Goerz-Berlin lenses; they have not been made in 30 years.



NEW MAKRO-KILAR LENS

(Continued from page 130)

t

grade lenses available for 35mm cameras. The Model E we had tested was sharp from edge to edge at f/3.5, and had virtually no flare (light reaching the film as a result of internal reflections within the lens). The particular Model D tested did show a slight amount of flare at the same stop, but this cleared completely at f/4. Except for this, both models had fine contrast and resolution at all stops up to about f/16, where sharpness began to fall off slightly (a normal phenomenon in many lenses for 35mm cameras). The critical aperture (at which a lens makes its sharpest pictures) was between f/5.6 and f/8 for both models.

Not bad! Though the Makro-Kilar may not be the all-purpose lens you dream about, until that comes along you can get more freedom and more scope with this lens than with the ordinary type. You may even find, like Harold Feinstein, that it alters your whole con-

cept of a picture story.

'All of a sudden, out of the blue, I can really shoot close-ups journalistically to record significant detail which adds punch and variety. I can move in on a pair of hands to see what they are writing, then get the over-all scene seconds later. Close-ups are now so easy," Feinstein adds, "that I feel they will become an important part of almost any picture story."-CORA WRIGHT.

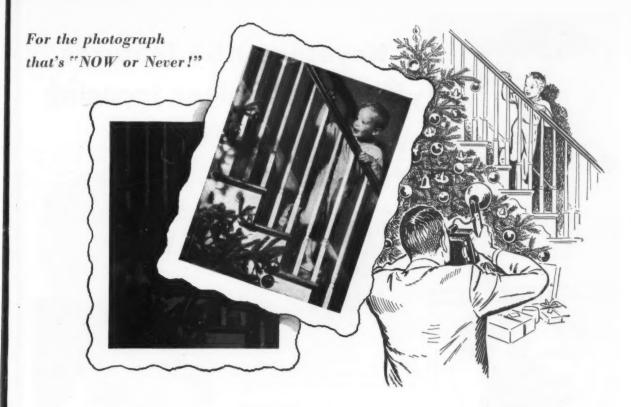
NEW REALIST 45

(Continued from page 91)

rangefinder; instead, they focus by hyperfocal distance or depth of field table to achieve the maximum zone of sharp focus. With the short focal length of the 35mm camera lenses, the depth of field, even at f/3.5, frequently compensates more than adequately for any small errors in judgment. It's a shame that the makers didn't include a hyperfocal distance table on the exposure data table beneath the camera.

No trouble was experienced at any time with the new Realist in the month it was tested. Stereo pairs made with it compared in quality with those made with its more expensive brother. Photographers accustomed to rangefinder cameras had little trouble in adjusting to photography without one, and they were soon able to judge distances adequately. The rapid-wind lever allowed stereo pairs to be shot in rapid succes-

The Realist 45 fills a real need for a quality instrument capable of turning out top stereo pictures, but at a price that the less well-heeled enthusiast can afford.-H. K.



Mallory Photoflash Cartridges

prevent spoiled pictures...make every shot sure!

Moment for memory on Christmas Morn! And you can only make sure *any* memorable moment is preserved in bright, clear picture form if there's *perfect* synchronization between your shutter and flash.

Ordinary batteries often cause delayed, "lazy" flashes that ruin valued pictures. As the batteries age, they weaken and the flash is fired a fraction of a second too late. The result is a light, "thin" negative, a dark spoiled picture.

Give 'yourself "picture insurance!" The

Mallory B-C Flash Cartridge (a completely contained Mercury Battery and Capacitor), is always charged and ready with a constant power output throughout its matchlessly long life. For two full years, in normal service, the Mallory B-C Cartridge will provide you with thousands of sure-fire flashes.

So, for perfect synchronization for perfect pictures—and money savings on bulbs and film—go to your camera dealer today. Ask for the Mallory Mercury B-C Flash Cartridge that fits your flash gun!

Two full years of sure-fire flashes in regular service!





The ideal Christmas gift for every camera fan!



for their work and pleasure, professional photographers and amateur photographers always have the fabulous...

minox

in their pockets because—the world's tiniest precision camera is also the world's lightest, (weighs a mere 2½ oz.), fastest, and easiest camera to use.

critically sharp f/3.5 lens; focusing range: 8" to infinity; all speeds from 1/2 to 1/1000 sec.; magazine loading, automatic film transport; built-in arange and green filters; optical viewfinder with parallax correction.

minox III-S with chain and case 13950



235 fourth ave., new york 3, n. y.

Keystone K56 features through the lens focusing

The Keystone K56 is the first 16mm magazine load movie camera in its price range to permit through the lens ground glass focusing without other equipment.



This is the Keystone K56 Executive, 16mm magazine movie camera with ground glass through the lens focusing.

Usually, a focusing accessory must be inserted into the magazine chamber for through the lens viewing. The ground glass focusing unit of the Keystone is an integral part of the camera.



The camera is held at eye level for through the lens focusing. Image is brought into focus by rotating lens ring.

The lens is swung on its turret from normal shooting position to the ground glass focusing device on the right side of the camera, focused, and then returned to taking position. The scene is then framed in the regular zoom-type finder and photographed.

Some precise method of parallax adjustment, perhaps a rackover, would be a big help in using the camera. A rackover would permit the lens to be moved back into the same position it occupied when focused. Some means of parallax correction is needed for close-up nature and portrait shots, and titling.

The camera lists for \$175 with Bausch

& Lomb f/1.9 Animar lens in focusing mount. Shutter speeds of 8, 16, 24 and 64 frames per second are provided in addition to single frame. The release button can be locked in place for continuous run. At 24 frames per second full wind allows approximately 16 seconds of operation.

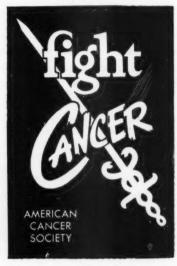
The regular viewfinder has adjustments for 17mm, 25mm, 50mm, and 75mm lenses. A color film exposure guide is fixed to the camera back. Magazines are



After focusing, lens turret is switched, and lens brought into shooting position. Zoom finder is used while shooting.

inserted from the left side of the K56 and remaining footage is shown through the window on the hinged door.

The two-lens turret is operated by grasping the indexing knob and pulling away from the camera body, and then rotating in either direction.—P.L.-M.M.



Now...see your slides

Bi-Lens 33

IDEAL FOR

CHRISTMAS

Naturally_ with both eyes

with the NEW

Bi-Lens 35

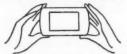
single slide viewer

- Eliminates eyestrain.
- Eliminates stray light and disturbing objects.
- Eliminates distortion and color fringe.

Bi-Lens "35" gives you two-lens viewing recommended by experts.

in se na

m



You see the picture in theater-like presentation—no stray light or disturbing objects.



Balanced, distortion-free 5X area; 2.25 linear magnification of all 35 mm and Bantam 2" x 2" slides.



Sturdy plastic construction with top loading to keep slides in. Handy ejector slot.

Now you can view your 35 mm and Bantam slides *naturally* with both eyes in all the perfection and comfort that optical science has developed for the most expensive optical equipment. The low cost Bi-Lens "35" uses the same principle employed in binoculars and better research microscopes. The Bi-Lens "35" gives you vivid color, sharp detail, optical balance you see *only* the picture in magnificent perfection!

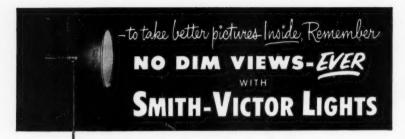
A GOOD PICTURE IS WORTH SEEING WITH BOTH EYES.

Bi-Lens

The same of the same of the same of

AT CAMERA COUNTERS EVERYWHERE

*Another fine quality product of Sawyer's Inc., Portland, Oregon. Dealer inquiries invited.



Light meters prove that SMITH-VICTOR Reflectors give $\frac{1}{2}$ more illumination. This assures you sharper, clearer pictures. The budget priced Model A12-UL shown is ideal for home movies or stills. Casts 60° beam using No. 2 photoflood lamp and 12" diameter reflector. Reflector has chemical frost-etched surface to provide even light distribution. Adjustment handle and swivel simplifies aiming. Shown mounted on S2 Stand which elevates to $6\frac{1}{2}$ ft., folds to 42". Comes with 10 ft. cord UL tested and approved.

Remember, too, that SMITH-VICTOR Reflectors are ideal for use with the new high speed films — both color and black and white.

WRITE FOR FREE BOOK ON INDOOR PICTURES A12-UL Light \$4.95 \$2 Stand 3.95

At better camera dealers everywhere

C-12

ONLY

POSTPAID

SMITH-VICTOR

GRIFFITH INDIANA

the world's greatest name for complete photographic lighting equipment — Stand-Lights — Bar Lights — Adapta-Lites — Accessories

New HOBBY
For Both AMATEUR
AND PROFESSIONAL
PHOTOGRAPHERS

NOW...It's FUN to SAVE Your Film Fix Silver from 1/2 to 31/2 Gal. Tanks and Trays!

SO EASY-SIMPLE-INTERESTING!

• Here's how easy it is—instead of pouring your used fix solution down the drain, just collect it in the special TAMCO KIT Pail. When Pail is about full, drop in a TAMCO Filament which will remove the silver from the solution overnight. Then discard the fix. Your silver deposits collect on bottom of Pail. Repeat this process until Filaments are all used. You will then have a nice bag of silver deposit to sell us for CASH.

COMPLETE KIT INCLUDES:

• One lightweight 31/2 Gallon unbreakable, acid proof, rustproof Pail. • Ample Supply of special TAMCO Filaments to collect approx. 11/2 lbs. of silver deposit. • One plastic bag and special box in which to ship silver deposit to us for refining.

EXTRA CASH-FOR YEARS!

e When Filaments are all gone, place all your silver deposit in plastic bag furnished, enclose in shipping box and mail to us for refining. We promptly send you check for half the market value of your silver—PLUS a new supply of Filaments postpaid and FREE filaments as long as you use them. One Kit purchase means many years of extra cash income this new, easy way.

MAIL YOUR ORDER TODAY

STATES SMELTING & REFINING CO. 617 VICTORY ST. . LIMA, OHIO START THIS FASCINATING, PROFITABLE HOBBY NOW!

STATES SMELTING & REFINING CO. 617 VICTORY ST. • LIMA, OHIO Gentlemen:

Please Rush postpaid my TAMCO Silver Reclaiming KIT with simple instructions. Full \$4.95 payment is enclosed. (Send check or money order please—Sorry, No C.O.D.'s.)

N	A	ΛE	-	_	
	DD	PI	= <	ς.	

ADDRESS:

Y:______ZONE:___STATE:

NEW PHOTO BOOKS

(Continued from page 118)

concise manner devoid of frills or fads. Although Newcombe writes in the first person, the text manages to be somewhat dry. Owners of Leica and Contax cameras will find that a great deal of space has been devoted to these particular instruments with comparisons drawn rather nicely between them.

Newcombe's photographic illustrations follow the usual British practice of making them technically excellent, but dull in picture content. For a British book, however, the author has done a remarkable job in discussing both American and British available equipment.

The book is well suited to the beginner. But it's also a first-rate reference manual for the advanced amateur or professional who wants to enhance his knowledge on all aspects of 35mm technique.—H. K.

HOW TO DO HOME MOVIE TRICKS, by Julien Caunter, 176 pages, many diagrams. Focal Press, London. Imported by Amphoto. Price \$1.75.

This 16th in the series of pocketsize Focal Moviebooks tells you how to produce almost every conceivable type of trick for making motion pictures. First described are tricks that can be effected by varying the camera operating speeds, reverse action from upside down cameras, stop-motion, and animation. Included in each of these sections is information on the practical as well as magical uses of the techniques described, and detailed instructions on how to build gadgets and accessories which will enable your doing them.



Cartoons and puppetry, superimposition, ghosts, fun with masks, even the old black thread stunts, comprise more of the filming illusions covered by Caunter. Interesting is his suggestion to capture the beauty of kaleidoscopes on color film.

Final chapters point out the importance of editing which will augment the tricks as photographed, and chemical or physical after-treatments; some of the latter I considered dubious.

The introduction itself consists largely of a rather good outline of all the possible movie tricks, set up in a result and method format.

-PETER A. LEAVENS

Mr. Leavens, a contributor to MOD-ERN, is a professional motion picture technician.

This and other books are available through MODERN PHOTOGRAPHY Book Store; see advertisement on page 157.

How to get very, very good pictures!

Your camera has a quality lens, one that gives you sharpest detail from edge to edge — even with the largest aperture.

Your camera has a direct view optical finder with an unusually large image — when you see better, you are bound to get better results.



Your camera has automatic film transport that allows you to work fast and, at the same time, gives picture protection.

Your camera is made by the world's oldest camera manufacturer—Voigtlander— since 1756, the best in lenses, cameras and accessories.

You'll find all these, and more, in the NEW, 1956



It's Voigtlander's newest contribution to photography — something they've been doing better than anybody else since the first permanent photograph was made. The features of expensive cameras — styled "like a million" — but priced for the great American mass market. Voigtlander's Color-Skopar f/3.5 color-corrected lens, one of the world's finest, completely protected when not in use. Automatic film transport —— double

exposure prevention "pop-up" film rewind — built-in flash — new, larger, direct view optical finder — simplified far or near "zone" focusing — in fact, everything about this camera has been designed to get you better pictures, much easier, and at the lowest possible pricel Don't lose a minute — see the new VITO IIa, or get more information about it without delay.



Voigtlander VITO IIa 35mm Folding Camera, with Color-Skopar f/3.5 Lens, Prontor SVS Shutter with Speeds from 1 second to 1/300th, and M-X Synchronization. Only **54.50**

WILLOUGHBYS 110 West 32nd Street, New York 1, N. Y.



ROLLEIFLASH B-C GUN

Simply bayonets to top mount, thus requires no cumbersome brackets. Has ample cord lengths for off-camera use connector for extensions-test lamp. locking bayonet flash cord plug - detachable reflector ... in attractive shoulder bag, \$29.95



ROLLEIKIN 35 MM ADAPTER

Quickly converts Rollei cameras for using 35 mm color or black and white film. Easy to attach and detach, In pocket size metal case...for 3.5 cameras \$34.95; for 2.8 C and D cameras \$25.80 (without counter knob).





LENS ACCESSORY KIT (basic)

Genuine leather shoulder-strap case contains the Rollei lens hood and selection of any two Rollei filters. Complete kit for 3.5 cameras, \$14.85 (case only, \$2.40). Kit for 2.8 C and D cameras, \$22.85 (case only, \$2.85).



Supplementary lens sets for close-up work, fully compensated for parallax. Permit taking close-ups to 12½". Com-plete sets, for all Rollei camer \$27.50 per set.



All Rollei optical accessories are coated for maximum efficiency.

ALL DEALERS

the CAMERA CLUBS

by MABEL SCACHERI

Want to give a different Christmas party this year? Invite members of a neighboring camera club to be your guests. Here are some simple but amusing ideas for entertainment.



As Christmas draws nearer. camera club members begin to think about a Christmas party. To have or not to have? If there is to be one, how can it be varied from last year's shindig?

Well, this year why not have a guest club for your Christmas party? Make it a social affair. Get on friendlier terms with those monsters who grabbed the interclub cup away from you last year. This is the season of good will towards men, although you'd never guess it when caught in a mob of ferocious Christmas shoppers. Extend some of that good will toward that other club. Here's some entertainment you might like to try for your joint club party.

For some lively fun

Last year I went to a simple, amusing party, put on by the Miniature Camera Club of New York in their club rooms in a local hotel. They had two main features, a grab-bag and a guess-who contest.

Into the grab-bag everyone (guests should be included in this, too) put a gaily-wrapped item, which they were told should not cost more than \$1. It did not have to be photographic in nature. Indeed, I think such gifts are more entertaining at a party if they are novelties, gags, surprises. This club I mentioned had one gift of a \$5 gift certificate, provided by the club, which kept everybody interested, trying to figure out by the shape of the package which one contained the plum.

The cannier members steered clear of a huge box which they surmised contained a gag present. It did. A gallon of filtered water, to be used "full strength" in mixing a hypo bath, as the careful instructions explained. My gag contribution was a booklet on how to raise kittens. I had added another package, slightly more useful to the average shutterbug. But what do you know? The gal who got the kitten

booklet really wanted it. She actually had a new kitten!

After all the velping and swapping of gifts had gone on for awhile, along came the guess-who contest. Each person was supposed to bring a baby picture of himself or herself, made while the member was under five years of age. Too few people came across with these pictures, but I was big-hearted, I entered three such masterpieces. Nobody caught on: they were wondering, "Who are those guys from Wherezit, Illinois?"

Guys! And I was a real sissylooking baby, too, Well, one lady member had an exceptional eye for recognizing fundamental features. She got 10 of the baby pix right, pinned onto the proper club member. Her prize was another \$5 gift certificate, well deserved.

I might add that the reason for the rather small number of baby-pic entries might have been the fear of losing these keepsakes. If the stunt is announced a month in advance, that gives the members and guests plenty of time to make copies of their baby pictures and thus avoid any possible damage or loss. I also think that the age limit should be raised to 10 years. After all, some people don't even have any baby pictures of themselves, and also, it is just about impossible to recognize some big brawny fellow in a pie-faced, long-skirted baby. Babies look too much alike, but when the candidate reaches the age of 7, 8, 10, he should begin to be slightly recognizable. Also, the props and the clothes he wears will probably be funnier.

This club did not make a big production of Christmas decoration for the room. You needn't either. A small, yard-high tree with shiny glass balls and lights, a punch bowl, and eatswhat more do you need, even for a joint meeting? It is better to stress amusing stunts than to try to make a fancy affair of your Christmas party.

Outdoor ideas

If your club is located in a northerly area, you might wind up the party with a brisk ride out into the snowy countryside. Those who can't get past the first verse of "Silent Night" are in the majority, so Christmas music might come from the car radios, or even a portable phonograph. Such a country ride is, I must say, better

(Continued on page 142)

for Cift giving

Weston MASTER... the truly universal meter for critical work... can be used with all cameras, all film. The ideal gift for the advanced photographer... only \$31.50.

..the meters most photographers use

Weston DR... the simplified meter for casual snapshooters. Extremely compact, yet with true Weston accuracy and ruggedness. For all cameras, all film. In leather case... only \$18,00.



Giving a Weston Exposure Meter means giving years of picture pleasure to any camera owner. For the casual shooter, choose the simplified, direct-

reading DR. For the real hobbyist, select the world-famous Master model. See both models at your local camera store today.

Weston

Exposure meters

fRankly speaking

How to do it better...more easily... with more fun

IMPROVING PRINTS LARGER THAN 8 x 10



Just about this time of the year darkroom activity is at its annual high point. Summer's best negative finally gets its chance for glory in the enlarger—and we hope everyone is truly thrilled with the splendor of his "blow-ups."

In making prints larger than 8x10,

DEVELOPER

FOR ALL FILM

the "men get separated from the boys"; the larger the print, the more obvious its flaws. If you're a bit concerned over any lack of sharpness and "grainy" look to your exhibition prints, you might want to think about what those same prints would have been if you had used a really fine grain developer—like FR's X-33B Fine Grain Developer for All Films.

No matter what favorite film you loaded up with, X-33B would have been an ideal choice. It does its job without sacrificing your precious emulsion speed, a fatal flaw in most fine grain developers.

Start off now with a quart bottle of X-33B.

ABSOLUTELY POSITIVELY SHARP

But if it's SHARP-NESS you're after—and you're anxious to load your camera with one of the new thin-emulsion films like Adox or Ilford.

then you'll need one thing more—FR's X-22 Concentrated Compensating Developer.

X-22 and thin-emulsion films go together like Siamese twins. Developing the thinemulsion films in ordinary or fine-grain developer is like driving a car on four flat tires.

LIQUID

X-22 is a special formula that most photographers could not even mix for themselves since camera stores don't even stock the chemicals. Leica Magazine, which prints the latest poop on 35mm technics, thought that FR's X-22 was so terrific that it was

cent issue. Get some at your dealer, 3 packets for 75¢. Try it with one of the special films and make yourself a mural!

TAKING PIX WITH A CANDID DEVELOPER

With FR's X-500 Developer for Available Light Photography, an f4.5 lens is

really about f2—and an f3.5 lens is about f1.5! This powerful developing agent adds the equivalent of three stops to regular emulsion speed, permits you to rate Tri-X, for example, at ASA 2000 outdoors! Indoors you can easily get ASA 800—sometimes ASA 1000, depending on the color of the indoor light. If you think you have a "slow" lens, get up

some speed by switching to this "fast" developer.

TABLE TOP SLIDE SHOWS

If you'd like to show slides to friends without setting up a projector and a screen and pulling down shades etc., we know what you need . . . Port-A-View! It's a table-top self-contained slide projector with automatic slide changer and screen you use with the lights on. It's become a favorite cause it's so light to carry, so effective at showing slides.



tive at showing slides. See Port-A-View at your dealer's counter today. It's only \$54.95 and is the perfect way to show slides quickly.

LUCKY, LUCKY KIDS

Can you think of a better way to introduce our hobby to some youngster than with a complete darkroom kit? Wouldn't anyone love to get started in the fun of darkroom work with the right tools all at once?

That's why we're so enthusiastic about FR's new "Semi-Pro" Complete Developing and Printing Kit at only \$12.50. It features an all-metal contact print box and contains the famous easy-to-load adjustable FR developing tank, trays, thermometer, paper, chemicals, safelight, everything.

Such a kit would be a good Christmas gift, so reserve yours now at your photo dealer. He also has other FR kits from \$8.95 to \$29.95.

MORE \$5 BONUS CHECKS

Send in your published photos with captions in print carrying credit lines for any FR product including Minolta Cameras. We'll send you \$5.00!

FREE FAMOUS "LITTLE MAN"

Get this darkroom aid. Write in for your free LITTLE MAN "Glows-in-the-dark" light-pull to the FR CORPORATION, 951-M Brook Avenue, New York 51, New York.



BUY IT FROM YOUR PHOTO DEALER

THE CAMERA CLUBS

(Continued from page 140)

adapted to smaller cities than to this metropolis, where you have to journey for miles to get out of the suburbs, and the chances are 10 to 1 there won't be any white Christmas. But the decorations of houses, outdoor trees, etc., are festive and your problem might be that many members, as well as guests, would want to stop and make some shots of attractive Christmas effects.

Or you might do something like this. A week or 10 days before Christmas, have a joint club night field trip. Wander around town, photographing trees and store windows and Santa Clauses and struggling shoppers. There again the weather is a controlling factor. Such a jaunt on a bitter cold, windy or snowy night would be no bargain.

Occasionally a club, early in December, has one session with props and lights, giving the members a chance to shoot pictures for Christmas cards. Some of the beginners may not know just how to go about producing these photo greeting cards. This is a good time to show them how.

Plan ahead

Whatever you do, a club Christmas party should be held fairly early, no later than Dec. 15, because members and guests (if you decide on a joint party) get very deep in last-minute chores and errands, not to mention other parties. I think a dinner party is too big a deal for a camera club Christmas celebration, takes too much preparation by the entertainment committee, costs too much money.

Remember that club parties with "audience participation" always seem to be better than more elaborate and costly affairs involving paid entertainers. I've been to these shindigs where everybody sat on chairs around the room while a musician with an accordion played and sang, egging us all on to sing with him. The response is usually half-hearted, and won't help your joint party. Handled right your party can spark the social side of club membership.—THE END

Camera Club Presidents: Please send us the name and address of your club so it can be listed in the Camera Club section of the Directory of the Photographic Industry. If you are listed you will receive material sent out periodically by certain photographic firms. Write: The Camera Clubs Editor, Modern Photography, 33 West 60th St., New York 23, N. Y.



the LAST WORD

No tripod? Use a substitute!

Sire

Here's a picture which illustrates two of MODERN's admonitions: get the right angle and use selective focus.

It was taken at a music school using only existing light—two 100-watt



bulbs. Since I had no tripod with me that day, I shot from floor level, propping my Rolleiflex on a pencil. This gave me just the angle I wanted. And a lens aperture of f/4 (Rolleiflex, ½ sec., Kodak Super-XX film) kept the background pleasingly soft.

New York, N. Y. Jan Folcman

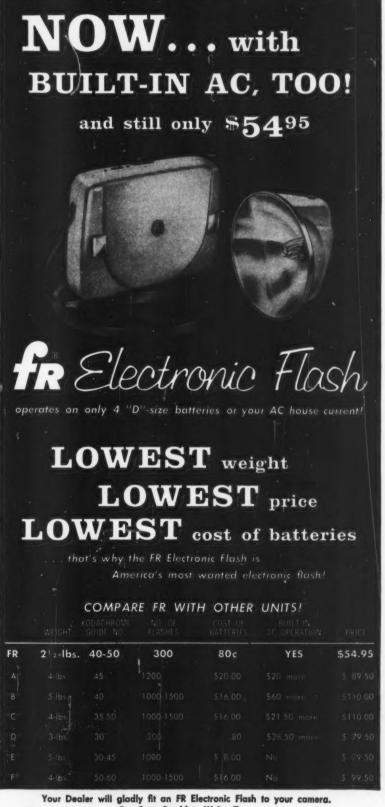
Going higher and higher

Sirs:

I have just bought, second hand, a Weston Master II meter supposed to be only 1½ years old. The film rating dial goes up to 400. Can I expect good service from this meter, in view of the fact that film speeds are going up and up? Will my meter be useless on film at a future date?

Youngstown, Ohio John B. Severino

· Of course not. Though it isn't likely that film ratings will go higher than 400 for a while, here's how you can use your meter if you want to take a reading at 800 or higher. First set the meter at 400. Next take a reading and pick your f/stop-shutter speed combination. For an equivalent rating of 800 just close your lens down one more stop than the meter shows. For 1600 close down two stops. Why does this work? Both ASA exposure indexes and Weston ratings operate on an arithmetical scale. This means that film rated 200 is twice as fast as that marked 100; 400 twice as fast as 200, etc.—Ed.



Your Dealer will gladly fit an FR Electronic Flash to your camera

For Free Booklet, Write To;

THE FR CORFORATION 951-M Brook Ave., NEW YORK 51, N. Y.

CAMERA GUIDE

(Continued from page 133)
Introduced: 1907 Discontinued: 1923
Lens: Interchangeable. Standard lens:
8½ in., f/4.5 Kodak or similar lens.
Shutter Speeds: 1/10 to 1/1200, T.
Special Features: Prisms for reading

shutter tension and aperture settings from above; special removable focusing panel at back accepts standard 5 x 7 Graflex sheet film holders and film pack adapters, but required special magazines: 4 x 4 interchangeable lensboards; lens door opens automatically.

Last List Price: With 8½ in., f/4.5 Kodak lens, \$226.50

Last Reported Used Selling Price Range in 1955: Not available.

Special Identification Points: 1. Special focal plane shutter with top speed of 1/1200 sec.; 2. Overhanging shutter housing above plate holder; 3. Special removable focusing panel on back; 4. Entire front box assembly moves forward as lens is focused; 5. Back does not revolve.

AUTO GRAFLEX

Film Size: Came in $3\frac{1}{4} \times 4\frac{1}{4}$, 4×5 , and 5×7 models.

Introduced: 1967 Discontinued: 1923 Lens: Interchangeable. Standard lens: f/4.5 or (on early models) f/6.3 Kodak Anastigmat or B. & L. Tessar.

Shutter Speeds: 1/10 to 1/1000 sec., plus T.

Special Features: Interchangeable



lensboards; entire front box with lens moves forward in focusing; lens door opens automatically.

Last List Price: With Kodak Anastigmat or B. & L. Tessar, 3½ x 4½: \$101; 4 x 5: \$115; 5 x 7: \$170.

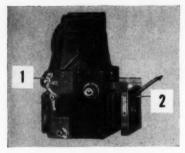
Last Reported Used Selling Price Range in 1955: Not available.

Special Identification Points: 1. Entire front frame of front box must be lifted to change lens; 2. Back does not revolve.

AUTO GRAFLEX JR.

Film Size: Came only in 2½ x 3½ model.

Introduced: 1914 Discontinued: 1924 Lens: Non-interchangeable 4½ in.,



f/4.5 Kodak Anastigmat or B. & L. Shutter Speeds: 1/10 to 1/1000 sec., plus T.

Special Features: Very small size; lens door opens automatically.

Last List Price: \$62.50

Last Reported Used Selling Price Range in 1955: Not available.

Special Identification Points: 1. Overhanging shutter housing above film holder; 2. Lens in inverted metal cone; 3. Back does not revolve.

COMPACT GRAFLEX

Film Size: Came in 3½ x 5½ and 4 x 5 models.

Introduced: 3½ x 5½, 1915; 4 x 5,

Discontinued: 31/4 x 51/2, 1924; 4 x 5, 1925

Lens: Interchangeable. Standard lens: f/4.5 Kodak Anastigmat or similar lens.

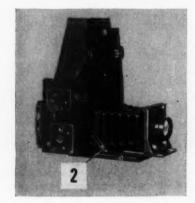
Shutter Speeds: 1/10 to 1/1000 sec., plus T.

Special Features: Front bed with focusing back; "blind curtain" in addition to shutter; mirror swings backwards as lens is recessed for closing camera; interchangeable lensboards.

Note: Film attachments are no longer available for the 3½ x 5½ model. Last List Price: With f/4.5 Kodak Anastigmat lens; 3½ x 5½ model, \$107; 5 x 7, \$150

Last Reported Used Selling Price Range in 1955: Not available.

Special Identification Points: 1. "Blind curtain" in addition to shut-



ter; 2. Front bed focusing track drops down for focusing; 3. Back does not revolve.

SERIES B GRAFLEX

Film Size: Came in $2\frac{1}{4} \times 3\frac{1}{4}$, $3\frac{1}{4} \times 4\frac{1}{4}$, 4×5 , and 5×7 models.

Introduced: 1925. Discontinued: 2¹/₄ x 3¹/₄ model, 1926; 3¹/₄ x 4¹/₄, 1937; 4 x 5, 1937; 5 x 7, 1942.

Lens: Interchangeable. Standard lens is f/4.5 Kodak Anastigmat.

Shutter Speeds: 1/10 to 1/1000 sec., plus T.

Special Features: Screw-in lens mount. Last List Price: With f/4.5 Kodak Anastigmat lens: 2½ x 3½ model, \$58.50; 3½ x 4½, \$85.50; 4 x 5, \$101.50; 5 x 7, \$201.10

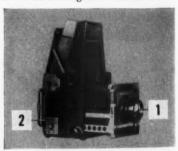


Last Reported Used Selling Price Range in 1955: With f/4.5 K.A.: 2½ x 3½, \$33-\$49; 3½ x 4½, \$47-\$68; 4 x 5, \$50-\$74; 5 x 7, \$102-\$139

Special Identification Points: 1. Small door in front, past which lens protrudes when focused; 2. Screw-in lens mount; 3. Back does not revolve.

R. B. HOME PORTRAIT GRAFLEX

Film Size: Came in 5 x 7 model only. Introduced: 1912 Discontinued: 1942 Lens: Interchangeable, Standard lens



is 10 or 12 in., f/4.5 or f/6.3 Kodak Anastigmat, B. & L. Tessar, or Zeiss Tessar.

Shutter Speeds: 1 to 1/500, plus T.

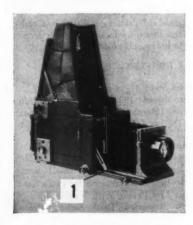
Special Features: Rising and tilting front; revolving back; large 5 x 5 interchangeable lensboards.

Last List Price: Less lens, \$265.75

Last Reported Used Selling Price
Range in 1955: Not available.

Special Identification Points: 1. Lens is not protected when camera is closed; 2. Special focal plane shutter, with speeds to 1 sec.

R. B. AUTO GRAFLEX



Film Size: Came in 31/4 x 41/4 and 4 x 5 models.

Introduced: 1909. Discontinued: 31/4 x 41/4, 1942; 4 x 5, 1940

Lens: Interchangeable. Standard lens: f/4.5 Kodak Anastigmat.

Shutter Speeds: 1/10 to 1/1000, T.

Special Features: Double extension
bellows; revolving back; interchangeable lensboards.

Last List Price: With lens: 3½ x 4½, \$165; 4 x 5, \$242.50

Last Reported Used Selling Price Range in 1955: 3½ x 4½, f/4.5 Xenar, \$59.\$89; 4 x 5 f/4.5 Ektar, \$110.\$133

Special Identification Points: 1. Front of camera with auxiliary track drops to horizontal position allowing use of double extension bellows.

R. B. TELE GRAFLEX

Film Size: Came in 3½ x 4½ and 4 x 5 models.

Introduced: 3½ x 4¼, 1915; 4 x 5, 1912. Discontinued: 1923

Lens: İnterchangeable, Standard lens: f/4.5 Kodak Anastigmat or B. & L. Tessar.

Shutter Speeds: 1/10 to 1/1000 sec., plus T.

Special Features: Revolving back; interchangeable lensboards.

Last List Price: With lens: 31/4 x 41/4, \$100; 4 x 5, \$116

Last Reported Used Selling Price Range in 1955: 3¹/₄ x 4¹/₄, with f/4.5 K.A., \$46-\$66



Special Identification Points: 1. Small door over lens opens automatically; 2. Entire front box assembly moves forward as lens is focused. Note: The R. B. Tele Graflex closely resembles the later Series D Models.

R. B. JR. GRAFLEX

Film Size: Came in 21/4 x 31/4 model only.

Introduced: 1915 Discontinued: 1923 Lens: 63% in., f/4.5 Kodak Anastigmat or B. & L. Tessar. Note: Early models also came with f/6.3 lens.

Shutter Speeds: 1/10 to 1/1000, T. Special Features: Revolving back; lens door automatically opens as lens is focused.

Last List Price: With lens, \$84
Last Reported Used Selling Price
Range in 1955: Not available.



Special Identification Points: 1. Lens screws into inverted metal cone; 2. Lens door automatically opens as lens is focused; 3. No removable lensboard.

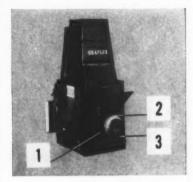
R. B. SERIES B GRAFLEX

Film Size: Came in $2\frac{1}{4} \times 3\frac{1}{4}$, $3\frac{1}{4} \times 4\frac{1}{4}$, and 4×5 models.

Introduced: 1925. Discontinued: 2¹/₄ x 3¹/₄, 1951; 3¹/₄ x 4¹/₄ and 4 x 5, 1942

Lens: f/4.5 Kodak Anastigmat. Note: Last version of 2½ x 3½ model came with f/4.5 Ektar.

Shutter Speeds: 1/10 to 1/1000, T.



Special Features: Revolving back.

Last List Price: With lens: 2½ x 3¼, \$129.50; 3½ x 4¼, \$128; 4 x 5 \$146.65

Last Reported Used Selling Price Range in 1955: 2½ x 3½, f/4.5 Ektar, \$44-\$60; 3½ x 4¼, f/4.5 K.A., \$35-\$59; 4 x 5, f/4.5 B. & L., \$55-\$77

Special Identification Points: 1. When focused, lens protrudes past door opening; 2. Lens screws into mount; 3. No removable lensboard.

R. B. SERIES C GRAFLEX



Film Size: Came in 31/4 x 41/4 model

Introduced: 1926 Discontinued: 1935 Lens: Non-interchangeable 6½ in., f/2.5 Cooke.

Shutter Speeds: 1/10 to 1/1000, T. Special Features: Large aperture lens; built-in lens shade. Revolving back.

Last List Price: With lens, \$208 Last Reported Used Selling Price Range in 1955: \$84-\$101

Special Identification Points: 1. Large front door with side wings opens automatically as lens is focused; 2. Non-interchangeable lens.

R. B. SERIES D GRAFLEX

Film Size: Came in 3½ x 4½ and 4 x 5 models.

Introduced: 1928. Discontinued: 3¹/₄ x 4¹/₄, 1941; 4 x 5 1945

Lens: Interchangeable. Standard lens: (Continued on page 146)



This contraption is good for laughs, but not for pictures. Some cameras get your interest with confusing, "do-nothing" gadgets that make you think you're getting a lot of camera for your money. But to pay for the trimmings, they leave out the "guts"... because something's got to give to keep the price attractive. If you want a camera designed with just one thing in mind, producing fine pictures... look at Konica!

A few of Konica's "working features"

- · Single fingertip focusing
- · Single eyepiece focusing and viewing
- · Nine shutter speeds to 1/500th
- · Famous f:2.8 Hexanon lens



"FOR FEATURES
THAT COUNT"



only \$8975

If your dealer is out of stock, write for name of nearest dealer. We'll send actual Hexanon Lens Resolution Chart test, and our complete catalog, too!

KONICA CAMERA CO., 76 W. Chelten Ave., Phila. 44, Pa. IN CANADA: McQueen Sales Co. IN VENEZUELA: C. A. Yayawa & Cls.

CAMERA GUIDE

(Continued from page 145)

f/4.5 Kodak Anastigmat or lens of similar speed.

Shutter Speeds: 1/10 to 1/1000, plus T. Special Features: Interchangeable lensboards; revolving back; built-in lens shade.

Last List Price: With lens: 31/4 x 41/4, \$138: 4 x 5, \$176.

Last Reported Used Selling Price Range in 1955: With f/4.5 Tessar: 3¹/₄ x 4¹/₄. \$52-\$69: 4 x 5. \$63-\$87

Special Identification Points: 1. Large front door with side wings opens automatically as lens is focused; 2. Interchangeable lensboards.

R. B. SUPER D GRAFLEX



Film Size: Comes in 3½ x 4½ and 4 x 5 models.

Introduced: 3½ x 4½, 1941; 4 x 5, 1948 (Both models are currently in production).

Lens: Interchangeable. Standard lens: 3½ x 4½, 152mm, f/4.5 Ektar in automatic diaphragm; 4 x 5, 190mm, f/5.6 Ektar or Optar in automatic diaphragm.

Shutter Speeds: 1/30 to 1/1000 sec., plus T and approximately 1/5 sec. Special Features: Fully automatic diaphragm; factory installed sync (early 3½ x 4½ model had open flash sync only); first surface mirror; Ektalite Field lens (added in August, 1949); revolving back; interchangeable lenses.

Last List Price: With lens: 3¼ x 4¼, \$289.50; 4 x 5, \$299.50 Last Reported Used Selling Price

Reported Used Selling Price Range in 1955: With f/4.5 Ektar: 3½ x 4½, \$108-\$147; 4 x 5, \$159-\$180

Special Identification Points: 1. Early 3½ x 4½ model had flash contact in center of left side of camera; 2. Factory installed sync; 3. Supplied in chrome trim; 4. Release for automatic diaphragm.

1-A GRAFLEX

Film Size: 2½ x 2½ on 116 roll. Introduced: 1909 Discontinued: 1925 Lens: Interchangeable. Standard lens: 5½ in., f/4.5 or f/6.3 Kodak Anastigmat or B. & L. Tessar, etc.

Shutter Speeds: 1/10 to 1/1000, T. Special Features: Interchangeable lensboards: folding.

Last List Price: With lens, \$120 Last Reported Used Selling Price Range in 1955: Not available.

Special Identification Points: 1. Special "blind curtain" in addition to standard shutter; 2. Front bed with track used for focusing after it drops to horizontal position.

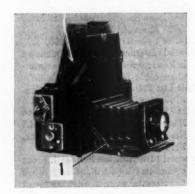
3-A GRAFLEX

Film Size: 3½ x 5½ on 122 roll.
Introduced: 1907 Discontinued: 1926
Lens: Interchangeable. Standard lens:
7½ in., f/4.5 Kodak Anastigmat or
B. & L. Tessar, etc.

Shutter Speeds: 1/10 to 1/1000, T. Special Features: Interchangeable lensboards; relatively small size; storage compartments for extra film.

Last List Price: With lens, \$140
Last Reported Used Selling Price
Range in 1955: Not available.

Special Identification Points: 1. Front bed with track drops down for focusing; 2. Special "blind curtain" in



addition to standard shutter; 3. Mirror pushes. back (downward) as lens is recessed for closing camera.

NATIONAL GRAFLEX

Note: Available in two models, Series I and II.

Film Size: Ten 21/8 x 21/2 pictures on

Introduced: Series I, 1933; Series II, 1934. Discontinued: Series I, 1935; Series II, 1941.

Lens: Series I: Non-interchangeable, 75mm, f/3.5 B. & L. Tessar; Series II: 75mm, f/3.5 Tessar, also accepted telephoto 140mm, f/6.3 B. & L.

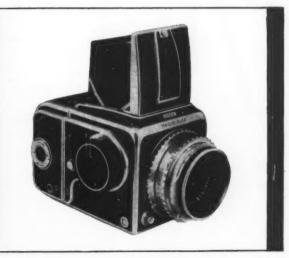
Shutter Speeds: 1/30 to 1/500; B. (Continued on page 148)



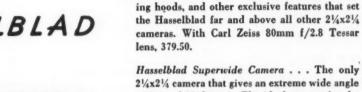
IF YOU WANT TO TELL A STORY...

If you want to tell a story, you won't, of course, chisel it out on stone as did the ancient Vikings. You'll tell it, instead, the modern way — with a camera. And you'll choose the $2\frac{1}{4}x2\frac{1}{4}$ Swedish Hasselblad — because it's so versatile, so adaptable to every situation, so well qualified for the photographic needs of today and tomorrow.





HASSELBLAD



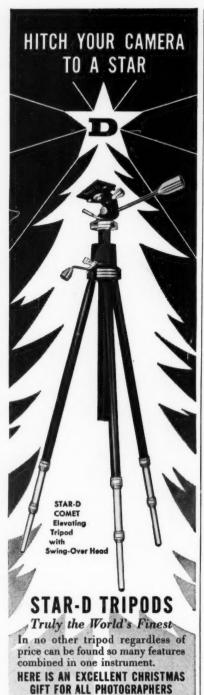


Write for Free Descriptive Literature, Dept. Pl.

Hasselblad Superwide Camera . . . The only 2½x2½ camera that gives an extreme wide angle picture of 90 degrees. The ideal camera for the architect, the photo-reporter, the industrial photographer, the amateur — all who aim for extensive widths and sweeping heights, without distortion. With Carl Zeiss 38mm f/4.5 Biogon Lens, 489.50. Viewfinder, 49.50.

Hasselblad 1000F 2¹/₄x2¹/₄ Single Lens Reflex . . . with interchangeable lenses, interchangeable roll film magazines, interchangeable focus-

WILLOUGHBYS . 110 WEST 32nd STREET, N. Y.



FOUR MODELS TO CHOOSE FROM

★ STANDARD D-18 ... \$15.40 ★ METEOR D-21 . . . \$17.50 with Swing-Over Head

★ CONQUEST.... D-20 ... \$19.95

★ COMET D-22 . . . \$22.50
Elevator with Swing-Over Head

LIFETIME GUARANTEE

SEND FOR ILLUSTRATED BOOKLET

DAVIDSON MANUFACTURING CO.

2223 Ramona Blvd., West Covina, California

Elevating Tripod

CAMERA GUIDE

(Continued from page 146)



Special Features: Compact size: builtin magnifier; built-in exposure guide in cover; automatic film spacing.

Last List Price: With 75mm, f/3.5 lens: Series I, \$72.50; Series II, \$97.75

Last Reported Used Selling Price Range in 1955: Series I. \$22-\$42: Series II. \$33-\$47

Special Identification Points: 1. Series I had mirror set lever at right of focusing hood; 2. Series II had mirror set lever at left of focusing hood: 3. Series II accepts telephoto lens: 4. Series II had built-in slide for ruby film window.

SPEED GRAPHIC

Manufacturer: Graflex, Inc., 154 Clarissa St., Rochester 8, N. Y.

Film: All models use sheet film, plates, or film pack. Models with Graflex or Graflok backs can also be used with roll film, by means of an accessory roll holder.

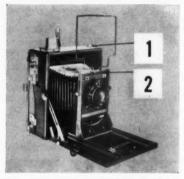
Lens: All models have interchangeable lensboards. Standard lenses include Kodak Anastigmat and Ektar, Graflex Optar, Bausch & Lomb Tessar, or Zeiss Tessar. Lenses come in various focal lengths, in barrel mounts, or with between-the-lens shutters.

Shutter: All models come with Graflex focal plane shutter. All models except Pacemaker Speed Graphics have speeds from 1/10 to 1/1000 sec., plus T. Pacemaker shutter speeds are from 1/30 to 1/1000; T.

5 x 7 SPEED GRAPHIC

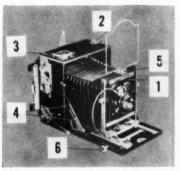
Special Features: Double extension bellows; interchangeable film holders (Century or Kodak); came with Graphic or Graflex back.

lens in barrel mount, \$170.



Last Reported Used Selling Price Range in 1955: Not available. Special Identification Points: 1. Early version had no handle on side: later version had handle on side: 2. Later version had 4 x 4 in, lensboard.

4 x 5 SPEED GRAPHIC (1928)



Introduced: 1928 Discontinued: 1939 Standard Lens: 51/4, 6, or 61/2 in.

Special Features: Double extension bellows; interchangeable film holders; two viewfinders; 4 x 4 in. lensboards: came with Graphic or Graflex back: provision for use of rangefinder or flash outfit.

Last List Price: With Kodak Anastigmat in Compur shutter, \$125

Last Reported Used Selling Price Range in 1955: With f/4.7 Ektar,

Special Identification Points: 1. First 4 x 5 Speed Graphic model with 4 x 4 in. lensboard; 2. First 4 x 5 Speed Graphic model with handle on side; 3. Version supplied before 1939 had folding Graphic finder; version supplied in 1939 came with tubular type finder; 4. Came only in all black finish with metal parts finished in gray; 5. Folding front finder; 6. Came only with single focusing knob.

31/4 x 41/4 SPEED GRAPHIC (1935)

Introduced: 1935 Discontinued: 1939 Standard Lens: 51/4 or 51/2 in.

Special Features: Same as 1928 version of 4 x 5 Speed Graphic, but had 31/4 x 31/4 in. lensboard, instead of 4 x 4 in.

(Continued on page 150)

Introduced: 1913 Discontinued: 1940 Standard Lens: 71/2 in.

Last List Price: With 71/2 in., f/4.5

THIS IS THE STORY WHY MEN HAVE SWITCHED TO BUYING AT

University Camera Stores

BECAUSE. . . they want to learn what to buy, how to buy, and a young at the right price! University Camers has always been known as the "House of Technical Knowl-dege." Our college bred camers technologists are trained to add to the dege. "Our college bred camers technologists are trained to add to the most host suited to your needs, whether it be a Brownie or a Leica, No, it costs no

ork Ciry 3, m. r. .

More because . . we will never never be underseld by anyone . . . Give us and yourself a chance to prove it. SHOP! COMPARE! Then get our price.

Sincerely yours.

BURTON GRODIN, PRES.

"FOR FEATURES THAT COUNT"

SEE THE



If you want a camera that was designed with ing fine pictures . . . check these features.

• Single Fingertip Focusing

• Single Eyepiece Focusing and Viewing

• Nine Shutter Speeds to 1/500th

• Famous f2.8 Hexanon Lens

BUY THE

Nowhere can you get so much camera value at so low a price . . . and you can use your old equipment to get the HIGHEST TRADE. IN ALLOWANCE toward your purchase . . . or buy on the poly see 50 Cash only \$89.50

GIVE THE lonica

This holiday season give your "special" friend this "special" gift. You get a 10 Day Money Back Guarantee with your purchase.

KONICA ACCESSORIES AVAILABLE



FREE: Lens Resolution Chart and complete catalog on the complete KONICA line.



\$249.50

Mohawk Midaetape POCKET RECORDER

Battery operated 3%" in length, light-weight, 1 hour recording. A must for business exces, sales managers, reporters, radio, T.V., on-the-poot interctews, insurance investigators, etc. Free Literature.
Trade-ins accepted.

Brand New-Latest 1955 Model FLEXARET CROWN

List \$99.50, case \$12.50 Brand New 24% x 24% x 5. control 1.1. / 200. Selftimer, D. 1.1. / 200. Selftimer, M.X Fully synchronized shutter. including case



Our \$29.95

BAIA STANDARD

8mm or 16mm EDITOR.
ACTION VIEWER,
SPLICER, &
STANDARD REWINDS.
On Metal
Die-cast Base.

Mansfield 8mm action editor List \$39.95 new, Special \$17.95

List our price RADIANT DELUXE DLS \$25.95 \$15.57 30x40 SCREENMASTER 40x40 \$27.95 \$16 77 NEW 50x50 \$36.95 \$22 17

\$19.95 \$12.99 New ConQuest Star D Elevator New Hollywood 2 sect w/pan head \$17.45 \$ 9.95 New Ouickset Elev champ \$34.00 \$18.95



Announcing the NEW ACTION VUE

Automatic Hand Viewer for 35mm 2x2 slides

Push-pull action automatically inserts and ejects slides. Holds 25 35mm slides. Uniform Only \$9.95 brightness from edge to edge.
Small and compact. Free
Literature.

*These tenses were any control of the specifications. High resolving power, excellent specifications. High resolving power, excellent specifications are specifications. The specification of the spec 1.75 1.24 5.97 4.49 14.25 37.25

SUPER BUYS 30%-40% OFF

Everything listed below is used, but in like new condi-

antee on everything.	. One yes	rt. Anus.
8mm MOVIE PROJECTORS	NEW	PRICE
1955 Bolex projector w/case L. N B&H Monterey 500W w/case DeJur 750 w/case Keystone K70, 500W, w/case Revere 85D 500W.	188.50 99.50 159.50 79.95 124.50	
Skan 200W, blower, metal, NEW SVE 300W deluxe, w/auto changer,		21.95
NEW Amer. Optical 300W w/ auto chgr Viewlex V33 w/auto changer, NEW Argus 300 w/auto changer, 1955 Kodak Signet 500W 1955 Revere Auto, model 553.	59.95 67.00 66.50 73.50	39.95 27.00 38.50 38.75 42.00
TDC Headliner 300W, NEW, disc		34.97

BRAND NEW 35MM FUTURA S (SUPER)

- Interchangeable Lenses
 Coupled RF (All Lenses)
 Single Window Range
 Viewfinder
- Viewfinder

 1 Sec.-1/500, Synchro
 Compur MX

 Self-Timer
 only
- \$105.00 List \$227.50

BC fan flash, list \$14.95 only \$6.05



FILE holds 300 cardboard or 150 glass, List \$2.95 only \$1.69

Plastic 35mm Slide Viewer List 81.00.....spec. 49c

Lipstick Camels Hair Lens Brush. List \$1.49 only 75c



BRAND NEW BOLSEY B THREESOME

\$2895 with case

SEKONIC PHOTO ELECTRIC EXPOSURE METER

Simple to use For the New Compur 'Light Value' system! Direct Reading
 Humidity-proof
 Long life

\$7.95 Reg. \$19.95 mplete with case



PROJECTO-MATIC

automatic Viewlex im slide projector, ver-cooled, 300W, t-in auto changer iles 60 slides in any

only \$59.95



FOR ROLLEI **OWNERS**

plit image RF prism installed in 1954 & 1955 tolleis. Send camera ostage collect. We re-urn postpaid.

only \$27.95 Write for Particulars



Small and Compact Coupled Range-Finder

BRAND NEW 35MM

OUTFIT

1 sec.-1/500
Ctd. f2 Heligon
MX-Sync, Compurately Shutter List \$155.00, Complete w/Case & Flash

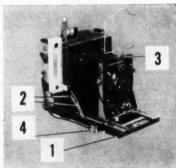
\$75.00 Camera alone \$67.50

CAMERAS (USED)	NEW	PRICE
Grafiex 22 reflex, f3.5 lens Exakta VX, f2.8 pre-set Tessar,	93.50	55.00
penta-prism; NEW Exakta VX, f2.8 pre-set Tessar.	326.50	196.30
waistfdr. NEW Exakta VX, f3.5 Tessar, penta-	279.50	167.50
prism, NEW Exakta VX, f3.5 Tessar, waist-	250.00	169.50
finder, NEW 1956 mdl Exakta VX, f2 pre-set Blotar,	225.00	139.50
w/RF penta-prism, NEW 1956 mdl.	385.00	235.00
Rolleicord V, f3.5	149.50	79.00
Rollei auto, latest, f3.5 Tessar	232,50	119.27
Polaroid Highlander	69.95	38.00
Polaroid model 95A, latest	89.75	49.50
Robot Royal, f1.9 Xenon, RF, latest	287.50	179.50
Kodak 35 RF, ctd f3.5 lens, sync	34.50	29.95
Leica M3, f2 Summicron	445.00	279.00
Contaflex I, f2.8	169,50	79.00
Contaflex II, f2.8 Tessar, w/meter	199.50	
Leica IIIf. f2 Summicron	345.00	185.00
Graphic 35, case, & flash	89.50	49.50
f4.5 Steinheil	289.50	178.50
Certo Dollina MX f2.8 Tessar	119.50	49.50
Futura f2.8 Xenar MX Comp	139.50	69.50
DeJur Proffess, enlgr	199.50	99.50
B&H Regent	179.50	119.50
Keystone K109	159.50	103.00



CAMERA GUIDE

(Continued from page 148)



Last List Price: With Kodak Anastigmat lens in Compur shutter, \$125 Last Reported Used Selling Price Range in 1955: With f/4.5 Tessar and rangefinder, \$74-\$87.

Special Identification Points: 1. Was supplied only with wood front bed; 2. Came only in all black finish with metal parts finished in gray; 3. Folding front frame finder; 4. Came only with single focusing knob.

ANNIVERSARY SPEED GRAPHIC

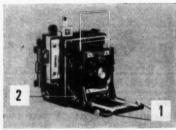
Film Size: Available in 31/4 x 41/4 and 4 x 5.

Introduced: 1940 Discontinued: 1947 Standard Lens: 3½ x 4½ model: 5, 5½, or 5½ in.; 4 x 5 model: 5, 5½, 6, or 6½ in.

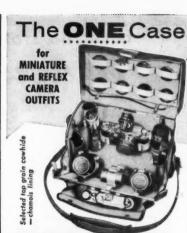
Special Features: Double extension bellows; interchangeable film holders; came with Graphic or Graflex back (Graflok back is now available as accessory); drop bed; linked focusing track; dual focusing knobs; provision for attaching rangefinder or flash.

Last List Price: Either model, \$176 to \$191, depending on lens.

Last Reported Used Selling Price Range in 1955: With f/4.5 Optar in sync shutter: 3½ x 4½, \$89-\$116; 4 x 5, \$94-\$129.



Special Identification Points: 1. Differentiated from previous models by having dual focusing knobs; 2. Had bright finish metal parts (version supplied during World War II had dull finish).



Convertible

You select and arrange the interchangeable fittings to hold your miniature or reflex or both—plus accessories—according to your personal needs.

For details, see your dealer or write

KLING

235 Fourth Ave., New York 3, N. Y. 7303 Metrose Ave., Los Angeles 46, Cat.

WHILE THEY LAST

Savings of 50% and more on these	Photo	Books:	
	Was	Now	
Photographic Emulsion Technique	4.75	2.25	
Photographic Enlarging by Jordan	3.50	1.75	
Photographic Facts and Formulas	4.00	2.00	
Children Before My Camera	3.50	1.75	
British Journal Almanac, 1954	2.50	1.50	
Photographic Skies, by D. Charles	2.50	1.25	
Photograms of the Year, 1952	2.50	1.00	
Color Harmony Spectrum, by Heart	2.50	1.00	
American Annual of Photog. 1951	3.00	1.00	
Making Effective Photographs, by L. W. Standish	4.95	3.00	
Masterpieces from Amer. Annual	1.50	.50	
Seaside Snaps	.75	.35	
Zoo School, by M. Mooney Jr.	.50	.25	
Electron Optics, by Hatschek	3.50	2.00	
Practical Steres Photog., by Dalzell	5.00	3.00	
Penrose Proceus Workers Handbook	1.75	.75	
Better Prints (A Camerette)	3.50	2.50	
Copying Technique, by Wright	2.00	1.50	
Manual Airbrush Technique, Tobias	3.50	2.00	
Photographing People	4.50	2.75	
Practical Ph. Chemistry	4.75	2.50	

AmPhoto, 33 W. 60th New York 23, N. Y.

(Add 3% sales tax for New York City delivery)

ACL Movie Book

A guide to making better movies, published by Amateur Cinema League. Every owner of a movie camera will want the expert advice given in this book (formerly \$4.00). Now only \$3.00

(Add 3% sales tas for New York City delivery)

AM-PHOTO,33 W. 60th, New York 23, N. Y.

COMBAT GRAPHIC "45"

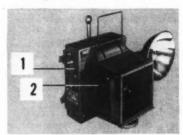
Film Size: Available only in 4 x 5.

Note: This camera was made for military use. However, a few are in circulation. It had no bellows, and lenses could not be interchanged. It had the standard Graflex focal plane shutter.

Introduced: 1946 Discontinued: 1946 Lens: 127mm, f/4.7 Kodak Anastigmat Special.

Front Shutter: Supermatic, 1 to 1/400 sec., plus B & T.

Special Features: Built-in socket for flash attachment; factory installed sync in front shutter; special synchroswitch on front shutter for Type F lamps only; folding frame finder; folding front door acts as lens cover.



Last List Price: \$182.52
Last Reported Used Selling Price
Range in 1955: Not available.
Special Identification Points: 1. Olive
drab finish; 2. No bellows.

PACEMAKER SPEED GRAPHIC

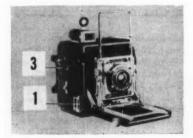
Film Size: Available in following models: "23" for 2½ x 3½, "34" for 3½ x 4¼, and "45" for 4 x 5.

Introduced: 1947 (Currently in production)

Standard Lens: "23," 101mm; "34," 127 or 152mm; "45," 135 or 162mm.

Shutter: Graflex focal plane, 1/30 to 1/1000 sec., plus T. Note: Current Pacemaker focal plane shutters have factory installed sync,

Special Features: Rising, tilting, shifting front; body release for front and back shutters; parallax correction for both optical and frame finders; folding infinity stops; adjustable handle strap. Other features same as Anniversary model. Note: Current "34" and "45" Pacemaker models have Ektalite field lens. All current. Pacemaker models come with



Graphic, Graflex, or Graflok back.

Note: Latest 4 x 5 version, introduced in January, 1955, has flexible frame front finder and parallax adjustment on rear peepsight. It is also available with Graphic Multi-Cam rangefinder including built-in beam focusing device and new optical view finder with automatic parallax correction.

Last List Price: With lens, less rangefinder: "23," from \$275.70; "34," from \$292.50; "45," from \$292.50.

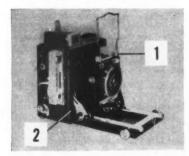
Last Reported Used Selling Price Range in 1955: "23," f/4.5 Ektar, \$139-\$158; "34," f/4.7 Optar, \$119-\$142; "45," f/4.7 Ektar, \$141-\$169

Special Identification Points: 1. Only Speed Graphic model with body release for both focal plane and front shutters; 2. After May, 1951, "34" and "45" models were supplied with Ektalite field lens; 3. Version supplied before July, 1950, came only with Graphic or Graflex back; version supplied after July, 1950, has Graphic, Graflex, or Graflok back.

MINIATURE SPEED GRAPHIC

Film Size: $2\frac{1}{4} \times 3\frac{1}{4}$ only Introduced: 1938 Discontinued: 1947 Standard Lens: 4 in.

Special Features: Double extension bellows; interchangeable holders; came with Graphic or Graflex back; dual focusing knobs; factory installed sync in focal plane shutter.



Last List Price: From \$120, depending on lens.

Last Reported Used Selling Price Range in 1955: With f/4.5 Ektar, \$66-\$89

Special Identification Points: 1. Folding, instead of retracting, frame finder as in Pacemaker "23." 2. No body shutter release.

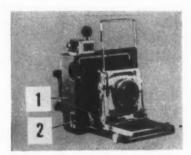
The following Graphic Cameras do not have focal plane shutters.

PACEMAKER CROWN GRAPHIC

Film Size: Available in $2\frac{1}{4} \times 3\frac{1}{4}$, $3\frac{1}{4} \times 4\frac{1}{4}$ and 4×5 models.

Note: This camera is similar throughout to the Pacemaker Speed Graphic, except that it does not have a focal plane shutter.

Note: Version introduced in January, 1955, has new optical viewfinder with



automatic parallax correction. It is also available (in "45" model only), at extra cost, with built-in rangefinder which couples (by means of individual cams) with a wide range of lenses.

Introduced: 1947 (Currently in production)

Last List Price: With lens, less builtin rangefinder: "23." from \$238.20; "34," from \$243.50; "45," from \$243.50. With lens and built-in rangefinder: "45," from \$269.45. Last Reported Used Selling Price

Last Reported Used Selling Price Range in 1955: With f/4.5 Ektar: "23," \$139-\$154; "34," \$135-\$151; "45." \$136-\$164

Special Identification Points: 1. No focal plane shutter; 2. Body shutter release.

CENTURY GRAPHIC (21/4 x 31/4)

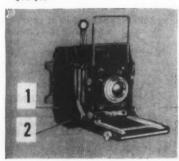
Introduced: August, 1949 (Currently in production)

Standard Lens: 101mm, f/4.5 Ektar or Optar, 103mm, f/4.5 Graflex Trioptar or Graftar.

Special Features: Double extension bellows, drop bed, interchangeable lensboard; rising, tilting, shifting front; Graflok back with removable focusing panel; dual focusing knobs; folding infinity stops, adjustable handle; provision for attaching rangefinder, flash, or optical finder.

Last List Price: With Graftar lens, \$121.50.

Last Reported Used Selling Price Range in 1955: With f/4.5 Ektar, \$65-\$79



Special Identification Points: 1. No focal plane shutter; plastic body; 2. No body shutter release.

(Continued on page 152)



TODAY'S PHOTO-MIRACLE

Telephoto through BINOCULARS

Imagine capturing intimate scenes at impossible distances... remote candids of children, elusive wildlife, news and fast action shots, ships peeping over the horizon...all with true perspective, undistorted, razor sharp, color faithful...arm's length close! New thrills! New fun! Everybody's talking about

TRIPLE TESTED BINO-FOTO*

Use your present camera. BINO-FOTO Units fit single- and twin-lens reflexes; 35mm cameras; 8mm and 16mm movie cameras. They increase your lens power 700%.

Lightweight and incredibly simple to mount, easy to use. Inexpensive, too. And the Binocular (BUSHNELL-engineered to photo standards), is of course a superlative viewing instrument. Use it separately whenever you wish!

For all the exciting details—name of nearest dealer—clip coupon.

*U.S. Pats. App. For

FREE! MAIL TODAY!

	LKEEL	MMIL	IODAI:
	Pasad	ena 1, Ca	& Co., Inc. lifornia ishnell Bldg.
	samples o		iting photos
I have a	1		CAMERA
NAME			
ADDRESS			ZONE
CITY	,	ST/	TE

CAMERA GUIDE

(Continued from page 151)

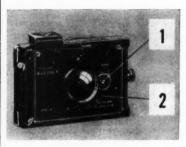
PLAUBEL MAKINA

Manufacturer: Plaubel, Feinmechanik & Optik, Frankfurt/Main, Germany. Importer: Formerly imported by Willoughbys-Wholesale, 110 W. 32nd St., New York 1, N. Y.

MAKINA 6.5 x 9cm CAMERA

Film Size: 6.5 x 9cm (2½ x 3½). All models accept interchangeable backs for plates, sheet film, filmpack, roll and 35mm film. Also available is accessory focal plane shutter back.

MAKINA I (1920 model)



Introduced: 1920 Discontinued: 1932
Lens: Until 1924, came with fixed (unremovable) 100mm, f/4.5 Anticomar; after 1924, came with 100mm, f/2.9 Anticomar whose front elements could be replaced with accessory components for wide-angle and telephoto operation.

Shutter: Compur (after 1924, came with improved Compur, with speeds to 1 sec., plus B & T).

Special Features: Interchangeable backs; frame-type and Newton optical-type view-finders.

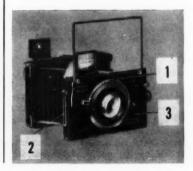
Last List Price: Not available.

Last Reported Used Selling Price

Range in 1955: \$24-\$45

Special Identification Points: 1. Differentiated from later (1932) version by not having rim-set shutter; 2. Made only with black finish.

MAKINA I (1932 model)



BUY IT FROM YOUR PHOTO DEALER

Introduced: 1932 Discontinued: 1933 Lens: 100mm, f/2.9 Anticomar with interchangeable front elements.

Shutter: Compur IS, 1 to 1/200 sec., plus B & T and self-timer.

Special Features: Same as Model I, 1920-1932 version.

Last List Price: Not available.

Last Reported Used Selling Price Range in 1955: Not available.

Special Identification Points: 1. Differentiated from earlier versions of Makina I by having rim-set shutter; 2. Differentiated from Makina II by having lens diaphragm settings on side, instead of front of camera; 3. Made only with black finish.

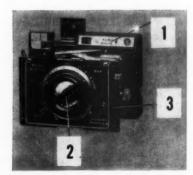
MAKINA II

Introduced: 1933 Discontinued: 1939 Lens: 100mm, f/2.9 Anticomar. Front elements interchange with following accessory objectives: 210mm, f/5.4 Tele Makinar; 210mm, f/6.3 Tele Makinar; or 73mm, f/6.8 Wide Angle Orthar.

Shutter: Compur IS, 1 to 1/200 sec., plus B & T and self-timer.

Special Features: Coupled rangefinder; frame finder; Newton optical finder with parallax correction; interchangeable backs.

Last List Price: Not available.
Last Reported Used Selling Price
Range in 1955: \$52-\$77



Special Identification Points: 1. Coupled rangefinder; 2. Differentiated from later Makina IIS by not having all lens elements in front of shutter (see description of Makina IIS lenses); 3. From 1933 to 1938, finished only in black; after 1938, was supplied with chrome finish.

MAKINA IIa

Introduced: 1946 Discontinued: 1948
Lens: 105mm, f/4.5 Xenar or 100mm,
f/4.2 Anticomar, with fixed (front
elements unremovable) mounts.

Shutter: Compur OS, 1 to 1/400 sec., plus self-timer.

Special Features: Same as Makina II. Last List Price: Not available. (Continued on page 154)



FIND OUT FOR FREE! CALL US COLLECT, MUrray Hill 2-0866

GRAND CENTRAL CAMERA ORLD'S LARGEST LENS CENTER

... More Than 10,000 Lenses Available! REVERSE CHARGES FROM ALL OVER U. S. - YOU CALL IT. . WE'LL SEND IT!

BELOW IS JUST A PARTIAL LISTING OF THOUSANDS OF LENSES AVAILABLE!

ALSO CALL US FOR ALL CAMERAS. ACCESSORIES AND EVERYTHING PHOTOGRAPHIC

Lenses for LEICA, CANON, TOWER, LEOTAX, KARDON, Similar Cameras.

	LIST	USED		LIST	USED		LIST	USED
25mm f4 Nikkor	169.50	119.00	50mm f1.1 Zunow	450.00	325.00	135mm f3.5 Kalimar	74.95	38.00
28mm f3.5 Nikkor	149.50	79.00	50mm f3.5 Canon	57.00	29.00	135mm f2.5 Angenieux	179.50	110.00
28mm f3.5 Angenieux	120.00	74.00	50mm f1.5 Vaigtlander Nakton	185.00	85.00	135mm f4 Steinheil		46.00
28mm f3.3 Berthiot	99.50	49.00	85mm f1.5 Lithagon		99.00	135mm f3.5 Canon	130.00	62.00
28mm f3.5 Canon	134.00	69.00	85mm f2 Kalimar		75.00	135mm f3.8 Arco	66.95	36.00
28mm fó.3 Leitz Hektor	102.00	49.00	85mm f2.8 Schacht Travenar		45.00	135mm f4.5 Leitz Hektor	135.00	72.00
35mm f2.8 Schneider Xenagon	95.65	49.00	85mm f2 Nikker	179.50	99.00	135mm f3.5 Schacht Travenar	84.95	39.00
35mm f3.5 Nikkor	97.50	49.00	85mm fl.5 Canon	233.00	125.00	135mm f4.5 Schacht Travagon	59.95	28.50
35mm f2.5 Nikkor	149.50	79.00	85mm fl.9 Canon		89.00	135mm f4 Canon	122.25	59.00
35mm f2 FuJinon	199.50		85mm f2 Serenar	187.00	75.00	150mm f3.5 Kilfit w/housing	251.00	145.00
35mm f2.8 Canon	110.00	54.00	85mm f1.5 Leitz Summarex	360.00	144.00	150mm f2.3 Astro	425.00	185.00
35mm f3.5 Leitz Summoron	96.00	45.00	85mm f2.8 Steinheil			150mm f1.8 Astro	495.00	265.00
35mm f3.2 Canon	110.00		90mm f2.5 Angenieux	94.50	59.00	180mm f5.5 Kalimar	79.95	44.00
35mm f2.8 Zeiss Biogon	199.50	98.00	90mm f4 Leitz Elmar	90.00	45.00	180mm f2.5 Nikkor	399.50	145.00
40mm f4.5 Kalimar	49.95	27.00	90mm f4 Elmar Collapsible Mt. (M-3)		96.00	200mm f4.5 Leitz Telyt	156.00	88.00
50mm fl.5 Angenieux	165.00		90mm f4 Sun Telephoto Lens		24.00	200mm f4.5 Leitz Telyt w/housing	258.00	129.00
50mm fl.5 Canon	168.00	79.00	90mm fl.8 Angenieux		92.00	250mm f5.5 Kalimar	124.50	80.00
50mm f2 Leica Summacron		75.00	100mm f3.5 Kalimar	34.50	24.00	300mm f5.6 Kilfit	130.00	79.00
50mm f2 Nikkor	125.00	65.00	100mm f2.8 Kalimar		39.00		352.00	350.00
50mm f1.4 Nikkor		76.00	100mm f4 Canon	87.00	38.00	500mm f5 Nikker	550.00	
50mm f3.5 Leitz Elmar			105mm f2.5 Nikkor	152.50	98.00			590.00
50mm f2 Leitz Summitor	173.40	69.00	125mm f2.5 Hektor in Short Focus Mt	147.00	98.00	1000mm f6.3 Astro	250.00	
50mm f1.5 Leitz Summarit	177.00	69.50	135mm f3.5 Nikkor	135.00	69.00	33mm f3.5 Stemar Stereo Attachment	171.00	

Lenses for EXAKTA, CONTAX D. PRAKTICA, Contax S. Consul, Exa, Pentacon, Praktiflex, Rival Reflex, Hexagon and similar cameras

	LIST	USED		LIST	USED	LIST USED
28mm f3.5 Angenieux	120.00	69.00	90mm f2.5 Angenieux	94.50	54.00	150mm f5.5 Schneider Tele-Xengr 64.95 39.00
35mm f2.5 Angenieux		54.00	90mm F4 Sun Telephoto lens		24.00	150mm f5.5 Piesker Tele-Picen pre-set 80.00 39.00
35mm f4.5 Lithagen		39.00	90mm f4 Sun Telephoto lens pre-set		25.00	150mm f2.3 Astor Pantachar
35mm f2.5 Carl Zeiss Flektagon		88.00	90mm f1.8 Angenieux		83.00	150mm f1.8 Astro Pontachar
38mm f5.7 Berthiot		22.00	90mm f3.5 Basic Kilfitt with adaptor		49.00	165mm f3.5 Carl. Zeiss Tesser
40mm f4.5 Kolimar		24.00	100mm f3.5 Kalimar		24.00	180mm f4.5 Angenieux 96.00 46.00
40mm f4.5 Hugo Meyer		23.00	100mm f2.8 Kalimar		35.00	180mm f5.5 Kalimar
40mm f3.5 Steinheit Cassaron	49.50	24.00	100mm f2.8 Hugo Meyer Goerlitz Trioplan		35.00	180mm f2.8 Zeiss Sonnor pre-set 395.00 165.00
40mm f3.5 Kilfitt Model D		76.00	102mm f4.5 Imagon depth image lens		90.00	180mm f5.5 Mayer Goerlitz Tele-Megor 82.95 44.00
40mm f4.5 Schneider Isoggn		29.00	105mm f4.5 Wirgin Telepar		15.00	180mm f5.5 Schneider Tele-Xengr
40mm f4.5 Carl Zeiss Tessar		44.00	105mm f3.5 Schneider Xenor		44.00	180mm f3.5 Meyer Goerlitz-Primeter 195.00 115.00
50mm f2 Westagon Automatic	110.00	49.00	125mm f2.3 Astro Pantachar		110.00	180mm f5.5 Plesker Tele-Picen
50mm f2.8 Carl Zeiss Tessar Automatic	129.50	74.30	125mm f2 Schneider Xenon			200mm f2.3 Astro
50mm f2 Carl Zeiss Biotar		89.00	135mm f3.5 Kolimor		35.00	240mm f5.5 Schneider Tele-Xener 124.95 -74.00
50mm f1.9 Meyer Primoplan		55.00	135mm f2.8 Steinheil Quingr pre-set		75.00	250mm f5.5 Kalimar
50mm f1.5 Angenieux pre-set		99.00	135mm f3.5 Rodenstock Yrongr		54.00	250mm f5.5 Meyer Goerlitz Tele-Megor 132.15 74.00
50mm f3.5 Carl Zeiss Tessar pre-set		29.00	135mm f3.5 Nikkor	200.00	43.00	300mm f4 Carl Zeiss Sonnar pre-set 495.00 265.00
50mm f3.5 Carl Zeiss Tessar		20.00	135mm f4 Zeiss Triotar pre-set		49.00	300mm f5.5 Schneider Tele-Xenar 139.95 69.00
50mm f2.8 Carl Zeiss Tessar pre-set	80.00	46.00	135mm f4 Zeiss Triotar		39.00	300mm f5 Astro Telephoto Lens
50mm #2 Schneider Xenon		39.00	135mm f3.8 Sun lens		34.00	300mm f3,5 T.V. Fernlinse Telegon 360.00 195.00
50mm f2.8 Westoner fully automatic	49.50	42.00	135mm f3.8 Sun lens pre-set		36.00	300mm f5.6 Kilfitt Tele-Kilar w/adapter 161.95 99.00
50mm fl.9 Automatic Xenon		99.00	135mm f3.8 Basic Kilfitt with adapter		55.00	360mm f5.5 Schneider Tele-Xener
55mm fl.9 Steinheil Quinon		95.00	135mm f3.5 Angenieux type Y2		57.00	360mm f5.5 Novoflex
58mm f2 Carl Zeiss Biotar Auto		99.00	135mm f4.5 Steinheit Culminar		34.00	400mm f4.5 T.V. Fernlinse Telegon 360.00 195.00
58mm f2 Carl Zeiss Biotar pre-set		65.00	135mm f3.5 Travenar Auto pre-set		45.00	400mm f5 Astro
75mm fl.5 Carl Zeiss Biotar		99.00	135mm f3.5 Schneider Xenar		45.00	400mm f5.5 Meyer Goerlitz Tele-Megor 199.50 99.00
75mm f1.5 Carl Zeiss Biotar pre-set			135mm f4.5 Schneider Xengr		43.00	400mm f5.6 Kilfitt Fern-Kilgr w/adapter 251.95 149.00
75mm 11.9 Meyer Primoplan			135mm f4.5 Travagon		32.50	500mm f5 T.V. Fernlinse Telegon 450.00 240.00
80mm f2 Schneider Xenon		105.00	135mm f3.5 Arco Tele-Colinar pre-set		40.00	500mm f5 Astro Fernbild Telephoto lens 395.00 225.00
80mm f2.8 Carl Zeiss Tessar pre-set		49.50	135mm f3.5 Piesker Picon pre-set		41.00	500mm f8 Carl Zeiss Telephoto lens 475.00 185.00
80mm f2.8 Schacht Travenar Auto pre-set		45.00	135mm f2.5 Angenieux PZ			600mm f5 T.V. Fernlinse Telegon 565.00 295.00
80mm f2.8 Biometer pre-set		76.00	150mm f3.5 Basic Kilfitt with adaptor		74.00	640mm F5 Astro Fernbild Telephoto lens 725.00 310.00
85mm f1.5 Lithagen		92.00	150mm f2.3 Astro			800mm fé.3 T.V. Ferntinse Telegon 750.00 350.00
.85mm F2 Kalimar	124.50	75.00	150mm f5.5 Meyer Goerlitz-Megor pre-set		34.00	800mm f5 Astro Fernbild Telephoto lens 895.00 450.00
85mm f2.8 Steinheit Culminar		35.00	150mm fl.8 Astro			1000mm f6.3 Astro Fernbild Teleph, lens., 1100.00 800.00

Lenses for CONTAX and NIKON Cameras.

	NEW	USED		NEW	USED		NEW	USED
25mm f4 Nikkor	169.50	119.50	50mm f3.5 Carl Zeiss Tessar	62.00	24.50	150mm f3.5 Kilfitt Kilar Basic	119.95	
21mm f4.5 Biogon	249.00	149.50	50mm f1.5 Carl Zeiss Sonnar	188.00	90.00	180mm f2.8 Carl Zeiss Sonnar		340.00
28mm f8 Carl Zeiss Tessar		55.00	75mm f1.5 Carl Zeiss Biotar	485.00	175.00	250mm f4 Nikkor w/Reflex Housing	324.00	
28mm f3.5 Nikkor	149.50	89.50	85mm f2 Carl Zeiss Sannar	229.00	119.00	300mm f4 Carl Zeiss Sannar		
35mm f2.8 Carl Zeiss Biometer		89.50	85mm F4 Carl Zeiss Triotar	106.00	55.00	300mm f5.6 Kilfitt Kiler Basic		
35mm f2.8 Carl Zeiss Biogon	183.00	115.00	85mm f2 Nikkor	175.00		300mm FA Carl Zeiss Sonnor		
35mm f2.8 Carl Zeiss Biogon	245.00	99.50	85mm f1.5 Nikkor	299.50	175.00	300mm f5 Astro Telephoto	195.00	
35mm f2.5 Nikkor	139.50	85.00	90mm f3.5 Kilfitt Kilar		42.50	400mm f5 Astro Telephoto	245.00	
35mm f3.5. Planar	102.00	64.00	105mm f2.5 Nikkor	152.50	90.00	400mm f5.6 Kilfitt Kilar Basic	239.95	
35mm f3.5 Nikkor	89.50	50.00	125mm f2.3 Astro Telephoto	195.00	115.00	500mm f5 Astro Telephoto	345.00	
50mm f2 Carl Zeiss Sonnar	146.00	40.00	135mm f3.8 Kilfitt Kilar Basic			500mm IB Carl Zeiss Telephoto	835.00	
50mm f1.5 Carl Zeiss Sonnar	175.00	90.00	135mm f3.5 Nikkor			600mm f5.6 Kilfitt Kilor	495.00	
50mm f2 Nikkor			135mm f4 Carl Zeiss Sonnar			640mm f5 Astro Telephoto	875.00	
50mm f3.5 Carl Zeiss Tessar	169.50	105.00	150mm f2.3 Astro Telephoto	275.00	185.00		1050.00	
50mm f1.1 Zunew	450.00	325.00	150mm f1.8 Astro Telephoto	495.00	275.00	1000mm f6.3 Astro Telephoto	250.00	

HIGHEST CASH PRICES PAID for your Comeros, Lenses and Equipment. Your used equipment can serve as Part or Down Payment. And ask about our 10% Down "Easy Pay Plan"!

One East 43rd Street, New York 17, N. Y

- 1. 30-Day Absolute Money-Back Guarantee:
- 2. Written Full Year Guarantee!
- 3. 5 Year Service Guarantee!
- 4. Postage Free Shipments under 5 lbs.

learn to earn at

PHOTOGRAPHY

Study

PROFESSIONAL PHOTOGRAPHY In Beautiful Santa Barbara, Calif.

"Where the Mountains Meet the Sea"

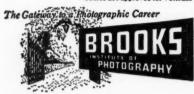


Advantages of Studying at **BROOKS INSTITUTE**

- Train with World Famous Instructors
- Enjoy the Photographic School
- Enjoy the Photographic School
 With a Spacious Campus
 Complete 24-month Courses in:
 Professional Portraiture
 Illustrative Photography
 Advertising, Fashion, General
 Commercial, Pictorial-Journalism
- Color Printing and Techniques Short Courses Tailored to individual's special needs. One week or more. May enter at any time.
- Motion Picture Courses*
 General Commercial, Television Productions, Dramas and Plays

Co-Educational Approved for Veterans Service and Placement Bureau

*Course not approved for Veterans



FREE Complete descriptive material by Doing" system. Mail coupon today!

BROOKS INSTITUTE, Dept. 4 Santa Barbara, California
Gentlemen: Please send me full descriptive literature. I am interested in
☐ 24-month course ☐ Short Course ☐ Motion Picture Course
Name
Street
CityZoneState
☐ I am a Veteran ☐ Non-Veteran

CAMERA GUIDE

(Continued from page 152)

Last Reported Used Selling Price Range in 1955: Not available.

Special Identification Points: 1. Shutter speeds to 1/400; 2. Fixed (unremovable) lens: 3. Self-timer.

MAKINA III

Introduced: 1946 Discontinued: 1948 Lens: 100mm, f/4.2 Anticomar with fixed mount.

Shutter: Compur O, 1 to 1/200 sec. (no self-timer).

Special Features: Same as Makina II. but had no self-timer.

Last List Price: Not available.

Last Reported Used Selling Price Range in 1955: Not available.

Special Identification Points: 1. Fixed (unremovable) lens: 2. Shutter speeds to 1/200, instead of 1/400 sec. as in Makina IIa; 3. No selftimer.

MAKINA IIS (1936 model)

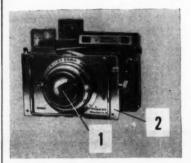
Introduced: 1936 Discontinued: 1948 Lens: All lenses for this and subsequent models have quick-change mounts for removing and inserting lenses by a 34 turn. Each lens is a complete unit (all elements operate in front of shutter). Standard lenses are 100mm, f/2.9 or 100mm, f/4.2 Anticomar. Accessory lenses are 190mm, f/4.8 Tele Makinar, or 73mm, f/6.8 Rapid Wide Angle Orthar.

Shutter: Compur IS, 1 to 1/200 sec., plus B & T and self-timer.

Special Features: Quick-change lens mounts; all lens elements operate in front of shutter. Other features same as Makina II.

Last List Price: Not available. Last Reported Used Selling Price Range in 1955: \$74-\$96

Special Identification Points: 1. All lens elements in front of shutter; 2. From 1936 to 1939, was supplied with chrome finished front plate:



from 1940 to 1948, was supplied with black finish front plate.

MAKINA IIS (1948 model)

Introduced: 1948 Discontinued: 1949 Lens: Same as Makina IIS, 1936 model.



Shutter: Same as Makina IIS, 1936 model.

Special Features: Factory installed flash sync with special supporting handle. Other features same as Makina IIS, 1936 model.

Last List Price: Not available. Last Reported Used Selling Price Range in 1955: Not available.

Special Identification Points: 1. Flash contact on back of front plate: 2. Made with black or chrome finish.

MAKINA III



Introduced: 1949 Discontinued: 1953 Lens: Same as Makina IIS.

Shutter: Compur IS, 1 to 1/200 sec., plus B & T (no self-timer).

Special Features: Shutter-locking device for ground-glass focusing; without setting shutter at T; MX flash sync. Other features same as Makina IIS, 1948 model.

Last List Price: Not available. Last Reported Used Selling Price Range in 1955: Not available.

Special Identification Points: Knobs for MX selection and shutterlock; 2. No self-timer; 3. Compur IS (speeds to 1/200) instead of Compur-Rapid (speeds to 1/400) shutter as in Makina IIIR; 4. Made only with chrome finish; 5. Earliest version had flash contacts on back of front plate; later versions had flash contacts on front plate.

MAKINA IIIR

Introduced: 1953 (Currently in production)

Lens: Same as Makina IIS. (Continued on page 156)

INIGHBY SPECTACE

These are among the most wanted items in photography today—as proved by orders from Willoughby customers all over the world. They're things every camera owner can use - from the beginner to the most experienced. And they represent the spectacular savings you can make by doing your

Christmas shopping at Willoughbys, Remember, too, a Gift with the Willoughby name can be given with Confidence because it carries with it the Reliability and Guarantee of the World's Largest Camèra Store.

GENUINE LEATHER GADGET BAGS

Zipper top. Outside pocket. Comfortable shoulder strap.

7"x9"x41/4" #10 Reg. 6.95 81/2"x101/2"x4" #11 Reg. 8.95 DW 5.95 10"x12"x5" #12 Reg. 11.95 NOW 7.95



2 x 2 SLIDE PROJECTOR

List 14.95 7.95 It's slide projection time. VU-AID gives beautiful projection, at low cost. All-steel. Complete with carrier. Thousands sold.

COMBINATION CASE



Polaroid Highlander Reg. 13.95 8.95

Brand new, Made of durable Kord-O-Tex. Holds camera, flashgun, meter, films and flashbulbs.

Famous FED-FLASH nera Outfit

Regularly 11.35 5.95

FED-FLASH camera and flashgun. 8 pictures on #127 film. Buy for yourself, and for Christmas gifts. A great little camera. Brand new.

"THE FAMILY OF MAN"



Created by Edward Steichen Paperbound Edition

1.00

The greatest photographic exhibition of our time — now assembled in book form. 503 pictures from 68 countries. (Add 15c for postage).



n Metal Tripod Brilliant, durable surface. Adjust-able with metal case.

REG.	SALE
13.75	8.95
15.95	10.45
19.25	13.45
21.50	14.95
	13.75 15.95 19.25

LEATHER PHOTO ALBUM Regularly 9.95 5.95

Handsome genuine leather cover, gold tooled. 12x13 inches. Looseleaf. A beautiful gift.

LEICA MANUAL and DATA BOOK 6.00

456 PAGES, 84 x 51/2 BY MORGAN & LESTER

Packed with practical information and lavishly illustrated. Describes every Leica

BEWI UTOMAT "A"

Exposure Meler

29.50

With built-in automatic calculator. Press the button and get the correct exposure. For use with all cameras and all films.

Bertram CHROLON Exposure

Meter Reg. 22.50

12.50

Perfect exposures for beginner and amateur alike. Super-sensitive.

PRISM BINOCULARS



CADILLAC 7x35 44.95*

High precision individual focusing eyepiece.

BINOLUX-6x30 29.95* Central focusing; individual right ocular adjustment. Pigskin case.

BINOLUX-7x50 19.95* Individual focusing. With case. *plus 10% Fed. Excise Tax

ALPHA RAY STATIC BRUSH



1½-inch brush surface; pure Camel Hair. Removes dust, eliminates static, dust repellent. Brush retracts into case when not in use.

We premise

If you don't see
it here ... write
today and tell
us what you're
looking for.
We aramic

LENS BRUSH and



TISSUE OUTFIT

Special 1.00

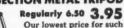
Consists of fine quality lens brush in gold-finished lipstick case . . . and 50 famous "Starr" lens tissues. Packed in pliable plastic bag.

KAGRA Remote Control **EXTENSION** 10.95



30 feet of rubber tubing and bulb. Ideal for nature studies, child photography, candid shots, etc. Fits most all still and movie cameras.

4-SECTION METAL TRIPOD



Our lowest price for such our lowest price for such top quality and performance. Extends to 48½ inches. 15½ inches closed. Rustproof, nickel-plated tubing.

BALL JOINT TILT TOP Special 97c

Precision made of light weight aluminum. Tilts and rotates in all directions. Positive lock.

MAIL ORDERS FILLED - ADD POSTAGE - OPEN 8:30 TO 6 - THURSDAY TO 8 - SATURDAY TO 6

COSTS NO MORE AT THE WORLD'S LARGEST CAMERA STORE

110 West 32nd Street New York 1, N. Y. LOngacre 4-1600

CAMERA GUIDE

(Continued from page 154)

Shutter: Compur-Rapid. 1 to 1/400 sec., plus B & T (no self-timer).

Special Features: Compur-Rapid Shutter. Other features same as Makina III.

Last List Price: With f/2.9 Anticomar. \$393: with f/4.2 Anticomar, \$372.

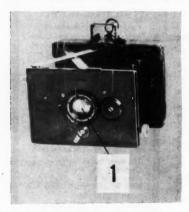


Last Reported Used Selling Price Range in 1955: Not available.

Special Identification Points: Compur-Rapid (speeds to 1/400) instead of Compur IS (speeds to 1/200) shutter as in Makina III.

MAKINA 4.5 x 6em

Film Size: 4.5 x 6cm (13/4 x 21/4) plates or filmpack. Introduced: 1912 Discontinued: 1935



Lens: Until 1924, came with 75mm, f/3.2 Anticomar; after 1924, came with 75mm, f/2.8 Anticomar.

Shutter: Compur, 1 to 1/200 sec. Special Features: Frame and Newton optical-type viewfinders; interchangeable plate holder and filmpack adapter.

Last List Price: Not available. Last Reported Used Selling Price Range in 1955: Not available. Special Identification Points: 1. Fixed

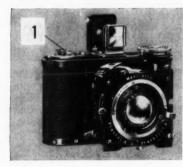
(unremovable) lens.

MAKINETTE 3 x 4cm

Film Size: 16 pictures 3 x 4cm (11/4 x 15/8 in.) on 127 roll film. Introduced: 1931 Discontinued: 1935 Lens: 50mm, f/2.7 Anticomar or 45mm, f/2 Supracomar.

Shutter: Compur, 1 to 1/300 sec., plus

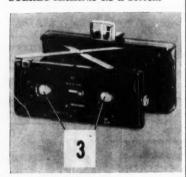
Special Features: Newton optical-type finder.



Last List Price: Not available. Last Reported Used Selling Price Range in 1955: With f/2.7 Anticomar. \$22-\$34

Special Identification Points: 1. Only Makina camera using roll film exclusively.

STEREO-MAKINA 4.5 x 10.7cm



Film Size: Stereo pairs on 4.5 x 10.7cm plates or filmpack.

Introduced: 1912 Discontinued: 1924 Lens: Two 75mm, f/4.2 Anticomar lenses.

Shutter: Compur, 1 to 1/300 sec., plus

Special Features: Newton optical-type viewfinder: interchangeable plate holder and filmpack adapter.

Last List Price: Not available.

Last Reported Used Selling Price Range in 1955: Not available.

Special Identification Points: 1. No. frame-type finder; 2. Shutter speeds to 1/300; 3. 75mm, f/4.2 lenses instead of 90mm, f/2.9 as in 6.5 x 13 cm model.

STEREO-MAKINA 6.5 x 13cm

Film Size: Stereo pairs on 6.5 x 13cm plates or filmpack.

Introduced: 1928 Discontinued: 1932 Lens: Two 90mm, f/2.9 Anticomar lenses.

Shutter: Compur, speeds to 1/100 sec. (Continued on page 158)

More Good Books For Christmas

342 Better Color Movies, by F. Bond
An up-to-date book on Kodachrome and
Ansco color filming, by a well-known expert
on color photography. Does not deal with the
story-telling problems of movie making, but
is a reference book on the use of color film in
motion pictures and the problems encountered
in filming 8 and 16mm. sizes in color. Cloth

123 The Family of Man.

The greatest photographic exhibition of all time—503 pictures from 68 countries—created by Edward Steichen for the Museum of Modern Art. Prologue by Carl Sandburg.

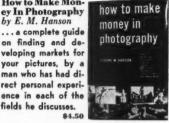
including postage \$1.15

123A De Luxe, hard cover, memorial edition of

163 How to Shoot for Glamour, by Carl Over 250 pictures by more than 40 top glamour Peter Basch, Bernard of Hollywood, and others, with chapters on make-up, lighting, posling, etc. \$2.95

275 How to Make Money In Photography by E. M. Hanson ... a complete quide on finding and developing markets for your pictures, by a man who has had direct personal experi-

fields he discusses.



2

66 Contaflex Guide, by W. D. Emanuel

256 Henley Formula Book
Photographers don't generally realize that
this 900 page book which contains about
every formula under the sun, has 78 pages devoted to photography, compiled by Carlyle
Trevelyn, popular teacher and exhibitor. \$5.00

Picture Making With the Argus by Jacob Deschin

An informative and reliable book that tells in clear language how to obtain best results with these cameras. Special section on color. Chock full of swell pictures.

57 Printing With Varigam by M. Richard Marx

Explains difference between Varigam and other papers, how it works, and all precedures from simplest to the most complex. Has a complete chapter on toning. New edition.

623 Guide to Underwater Photography

by Rebikoff and Cherney
Two authorities describe equipment, differences, between on land and in water conditions, and how to see and take underwater

170 Photography Handbook, by Weegee, Basch, etc.
A guide to latest methods and ideas in taking and developing candid and still shots, plus a do il yourself instruction section.

\$2.00



Leica Manual new edition

It's a complete, one-volume library on 35mm photogra-phy written by 20 out-standing experts in the field for all Leica camera fans. Has 432 absorbing attractively illuspages. trated, bound in hard cloth

to order, see coupon on next page -

DE

PHOTO BOOKS MAKE FINE CHRISTMAS PRESENTS

After a careful examination of current photographic books, Modern Photography recommends the following. If you want a title that is not shown, query us. Chances are we can get you any "in-print" title you wish.



Candid Wedding 740 Photography

by Henry Lefebvre A man who has made a success at it tells how, in a new reprinting of the only book on the subject.

\$4.00



Contains full details of every Rollel right up to the latest Rollelcord V. Illustrated. 87.95

217 Retina Way, by O. R. Croy
New edition of a long time favorite, revised
to contain new Retina cameras. \$4.50

461 My Way With The Miniature, by L. Vinning. This book was hailed as a classic on its first appearance. Now in its 11th edition. It still has no peer in the sound advice and inspiration it offers the small camera user. The internationally famous author tells all his secrets of getting memorable photographs with the miniature.



Art & Technique of Stereo Photography by Peter Gowland

The master of the pin ups adds another dimension to his pho-tography of women. Fully il-lustrated, with a series of Gowland's own transparencies for use in your viewer! A mag-nificent value. \$2.95

- 81 100 Studies of the Figure, Rawlings In compositional variety, photographic technique, and sheer beauty of subject matter and presentation, this book is the best of its kind we've ever seen. All of the pictures were made of a single model, and with very few exceptions only natural light was used both indoors
- 17 Successful Color Photography by Feininger
- 197 Glamour Guide (How to photograph girls) by Eugene Hanson
 Pose, lighting, make-up problems all discussed
 in a readable book by one who has succeeded
 in this difficult work. Illustrated.

 \$5.00
- 109 Home Movie Scripts, Provisor
 Most can be filmed on 50 ft. of 8mm or 100 ft.
 of 16mm. 44 ready made scripts. Big help
 to ambitious home movie fans. \$1.50

43B PHOTOGRAPH WOMEN

by Peter Gowland

A new, revised, enlarged edi-tion of one of the best selling photo books ever published. New, larger, more pictures, more text. Order it! \$2.95



115 Das Deutsche Lichtbild German Photographic Annual) 1956. Second since before the war, incorporating the very best in German photography in an exquisite volume of breathtaking photographs. (English translations.) (Late November.) \$7.50

214 Filter Manual by Carl Bakal
Tells how to use filters for both black and
white and color. The filter dictionary section
alone lists over 200 subjects with specific
recommendation for every effect desired.

30 Successful Photography by Feininger
A well planned, compact, practical course in
picture taking and processing by the famous
LIFE photographer. A completely inspiring
and helpful book.

\$3.95

(see column on preceding page for more books)



Making Lantern Slides and Film

Strips, by C. D. Milner. An invaluable guide to those who want to produce positive transparency images of any type and size, and of the hest technical quality. For visual educational specialists, etc. Only book available on this particular subject. 83.00

10 Figure Studies by Fritz Henle

> Unquestionable masterpieces magnificently reproduced, by one of America's best known photographers of the human form. With an introduction by Jacqueline Judge. \$3.95



PHOTO BOOK HEADQUARTERS

We carry a complete stock of photo books of all types—350 different titles, every in-print book in English on a photographic subject; on sale and display at our new showroom, hours 9-5. Closed Sat. (Phone: PLaza 7-3700.) 10th floer, 33 West 60th St., New York, N. Y.

313 Beginner's Guide to Color Photography, by Joe Costa

Simple, nontechnical, easy guide to color picture taking which will help any beginner come up with vastly improved color shots. \$1.95

767 Where and How to Sell Your Pictures A workaday bible for free lance photog-raphers, including over 800 names, addresses and specifications from buyers of photographs. By Arvel W. Ahlers



Model Art

A collection of fine figure studies by Leaf, Samerjan, Bernard, etc., carefully selected to illustrate the many techniques employed. \$1.50

658 35mm Photography With A Prakti-

flex by R. H. Bombach
A camera with a remarkable range is given
a thorough analysis by one of the best known
specialists in this type of work.

\$3.00 \$3.00

670 The Female Figure, by W. Mortenson

OUTSTANDING NEW ADDIVALS

403 Exposure, by W. F. Berg Exposure, by W. F. Berg, second edition of an exhaustive treatment that helps you pick the right tools and materials; helps to pick accurate exposure to suit filter to film to subject. 432 pgs. A Focal Press

7.5 Kedachreme and Ektachreme. From All Angles

From All Angles
by F. Bond
This both has become the
bible'
everywhere. It die eerthustasts
everywhere. It die everywhere,
it die everywhere,
everywhere. It die everywhere,
everywhere wants to know—in terms
simple enough for the beginner,
comprehensive enough for
the more advanced. It cowers
EVERY phase of Kodachrome
EVERY phase of Kodachrome
en beloggenere weber everywhere
Edition.

8.78



204 Contax Way by H. Freytag, in a new, fifth edition, authoritatively dealing with every aspect of Contax equipment and subject. Much new information. \$4.50

101

Medical Photography by T. A. Longmore

Oy 1. A. Longmore
New second edition of the
only major reference book on
the subject, covering both XRay and Clinical work. Strictpactic in content. Called one
published during the war. Over
1000 pages, 300 diagrams, 130
photos including many in color.
Ready November 8.

46 How To Photograph Your Child, by Tana Hoban and Jacqueline Judge

174 The Creative Photographer, by Andreas Feininger, newes in the series by this famous author.

95 Retouching Negatives and Prints, by K. West. Another title in The Modern Camera Guide \$1.95

186 Available Light And Your Camera. Ten authorities survey the whole subject and explain the methods used by professionals in difficult situations where no supplementary lighting can be used. Out December 15. \$5.00

305 U. S. Camera Annual 1956

195 A Photographic Pilgrim's Progress (See Books in Use) \$2.50

92 Secrets of Taking Good Pictures, by

A. A. Knop;
A good beginners' book by an experienced camera store man. Tells how easy it is and what fun it is to get good pictures.

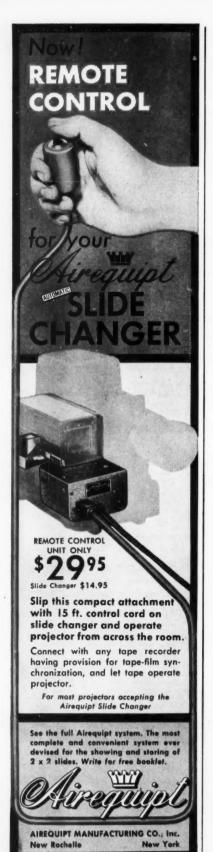
\$2.00

162 35mm Exakta Photography, by J. Deschin
First really worthwhile book on this famous

camera, done in the inimitable manner of the photo editor of the New York Times. 84.95

-1. D. -1. Carre 99 West 60th St. New York 99 N

		lew Yor								
Please	e send n	Equipment ne postp amoun	aid the	books	whose n	umbers	I have	circled		
114	225	217	461	45B	81	17	197	109	43B	11:
214	30	740	10	313	167	103	658	670	403	1.
204	101	46	174	95	186	305	195	92	162	34
123	123A	163	275	66	256	133	57	623	170	7
Name										
Addre	88									
City_							State			



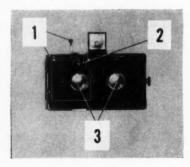
CAMERA GUIDE

(Continued from page 156)

Special Features: Frame and Newton optical-type viewfinders; interchangeable plate holder and filmpack adapter.

Last List Price: Not available.

Last Reported Used Selling Price



Range in 1955: Not available.

Special Identification Points: 1. Combination frame and Newton viewfinder; 2. Shutter speeds to 1/100 only; 3. 90mm, f/2.9 lenses instead of 75mm, f/4.2 as on 4.5 x 10.7cm model.

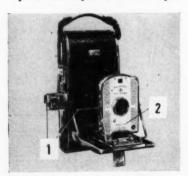
POLAROID LAND

Manufacturer: Polaroid Corp., 730
Main St., Cambridge 39, Mass.
All models are designed to produce finished prints approximately one minute after making the exposure on Polaroid Land film.

POLAROID LAND MODEL 95

Introduced: 1948 Discontinued: 1954
Film Size: 8 pictures 3½ x 4½.
Lens: Factory coated triplet, with effective range from f/11 to f/45.
Shutter: Polaroid, with speeds of ½, ½, 5, ½, 0 and ½, 0 sec., plus B.
Special Features: A single exposure

Special Features: A single exposure control dial, numbered from 1 to 8, takes the place of conventional lens and shutter calibrations. Since the lens and shutter controls are coupled, each exposure number repre-



sents a specific lens opening-shutter speed combination. Other features: Factory installed M-type sync; optical eye-level viewfinder; focusing by lever which moves entire shutterlens housing on track; accessory shoe.

Last List Price: \$89.75

Last Reported Used Selling Price Range in 1955: \$39-\$57

Special Identification Points: 1. Only Polaroid Land model with "ball and mast" sighting point for viewfinder; 2. "Model 95" engraved on lensboard; 3. Differentiated from later Model 95A by not having sync for electronic flash.

POLAROID LAND SPEEDLINER (Model 95A)

Introduced: 1954 (Currently in production)

Film Size: 8 pictures $3\frac{1}{4} \times 4\frac{1}{4}$.

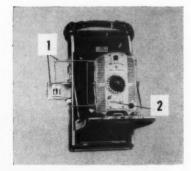
Lens: Factory coated triplet, with effective range from f/8.8 to f/35.

Shutter: Polaroid, with speeds of $\frac{1}{12}$, $\frac{1}{12}$, $\frac{1}{12}$, $\frac{1}{12}$, $\frac{1}{12}$, and $\frac{1}{12}$, sec., plus B. Special Features: As in Model 95, a

Special Features: As in Model 95, a single exposure control dial, numbered from 1 to 8, takes the place of conventional lens and shutter calibrations. Other features: First model with MX sync; combination optical and wire frame viewfinder; negative roll drops into place in camera, instead of having to be clipped in; film release is red toggle switch instead of button as in Model 95. Other features same as Model 95.

Last List Price: \$89.75

Last Reported Used Selling Price



Range in 1955: Not available.

Special Identification Points: 1. Differentiated from Model 95 by having combination optical and wire frame viewfinder; 2. Has additional connection for electronic flash; 3. "Model 95A" engraved on lensboard.

POLAROID LAND HIGHLANDER (Model 80)

Introduced: 1954 (Currently in production)

Film Size: 8 pictures $2\frac{3}{4} \times 3\frac{1}{2}$. Lens: Factory coated triplet, with effective range from f/8.8 to f/50, focused by turning front element.

Shutter: Polaroid, with speeds of ½5

and ½100 sec., plus B.

Special Features: As in Models 95 and
95A, a single exposure control dial
takes the place of conventional lens
and shutter calibrations; however,
in Model 80, the dial is numbered



from 2 to 9, instead of 1 to 8. Other features: Flash connection is made by clipping flashgun directly onto top of camera; enclosed, long base optical vic wfinder; accessory shoe; self erecting bed.

Last List Price: \$69.95
Last Reported Used Selling Price

Range in 1955: Not available.

Special Identification Points: 1. Camera is much smaller than other models; 2. Takes 234 x 3½ pictures; 3. Has enclosed, instead of frame-type, optical viewfinder; 4. Exposure dial numbered from 2 to 9; 5. "Model 80" engraved on front folding support.

POLAROID LAND PATHFINDER (Model 110)

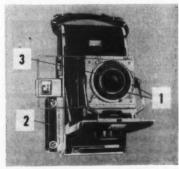
Introduced: 1952 (Currently in production)

Film Size: 8 pictures 31/4 x 41/4.

Lens: Factory coated 127mm, f/4.5 Wollensak Raptar, calibrated in conventional manner.

Shutter: Rapax II, 1 to 1/400 sec., plus B & T, calibrated in conventional manner.

Special Features: Factory installed MX sync; coupled rangefinder; depth of field scale; parallax correction; accessory shoe; built-in ex-



(Continued on page 160)



OUTSTANDING VALUES

1

DEVELOPING	CEDVICE	AVAILAR	16
DEAFFOLING	SEKAICE		
100' Jámm B&W			\$1.25
8mm 25' double			.60
ANSCO COLOR I	0° 16mm		2.00
ANSCO COLOR 8m	m 25' doub	le	1.00

TYNAR CAMERA: MIDGET SIZE \$4.95 with 3 rolls of film, Proc. \$1.00—we send back 14 prints plus free film.

Size	B&W	Color
8mm 25' dbl. roll	\$1.15	\$2.75
8mm 25' dbl. mag.	1.75	3.00
16mm 100' roll	2.75	7.40
16mm 50' magazine	1.90	3.75
Processing included—		
With nurchase of 6 rolls R & W of	any size_f	NE FREE

Bulk MOVIE FILM 8mm or 16mm

| 1500' (30 50' rolls) \$11.50 l6mm | 50' rolls .45 8mm & l6mm l00' rolls .90 8mm & l6mm | 1350' (25' rolls) \$9.95 l6mm | 400' rolls \$3.60 8mm & l6mm PANCHROMATIC REVERSAL FILM
Processing not included

35mm COLOR FILM

Availabl	e in Al	ISCO TU	NGSTEN 10	00'	9	22.0
AERO E	KTACH	ROME-	DAYLIGHT	SPEE	100	ASA
20 exp.	rolls,	includi	ng proc.			
			\$1.	50 (3	for 5	5.25

20 exp. rolls INDOOR ANSCO COLOR \$1.00 (3 for \$2.75) AERO EKTACHROME CHEMICALS-11/2 gal....\$2.95

35mm BLACK & WHITE BULK

Available in WESTON 24-50-100

100' notched \$1.65 200' notched \$2.40 400' notched \$5.25 Available-35mm HIGH SPEED WESTON 150 Eastman Kodak 200' \$3.95-400' \$7.25-1000' \$16.95

ROLL FILM

#127, 120, 620, 116, 616	
Black & White 10 for	95
120 & 620 color	oll
35mm 20 exp. B&W	5¢
35mm 36 exp. B&W	90
AERO EKTACHROME #120 and #6	20
Weston 40 3 for \$2.	
35mm 36 exp. TRI X 50¢ a re	
Minimum order 4 rolls	

MOVIE FILM SPECIAL

100' 8mm double \$1.79
Packed on 4 Camera spools 25' each
Processing—100' 16mm (Bulk) \$1.50

ACCESSORIES

ACCESSORIES	
100' 16mm camera spools	
lémm empty magazines	75
8mm empty magazines	75
VIEWMASTER DISCS, various	6 for
Airplane scenes KODACHROME	\$1.00

COLOR CARTOONS

Fairy to	les	and '	well	knov	vn c	harac	ters
-0	vai	able	in 8n	nm a	nd 1	6mm.	
		8mm					
200	ft.					7.50	
100	ft.	16mm				5.00	
400	ft.	11			2	0.00	

CARTOONS, COMEDIES—Silent—\$7.50 per reel approx. 400' reel. Sound—\$10.00 FEATURES—Sound—\$12.50 per reel—approx. 400' SEND FOR NEW CATALOG

16mm SOUND FEATURES and SHORTS.

16mm SOUND PEAIURES and STUKES,
CARTOONS & COMEDIES
Religious Films and Old Time Masterpieces auch asCOVERED WAGON. LOST WORLD, DANCING MOTHOSubjects—auch as—MUTT, & Dimp. Dov. and Smm. Sources,
Subjects—auch as—MUTT, & Dimp. Dov. and Smm. Sources,
TOM MIX, JOE E. BROWN, WALT DISNEY, OUR GANG,
\$1.50 for 100' as well as the Smm So', If you buy
6 subjects of either size, you get one from
Write for catalog on features)

		INV	ENT	ORY SA	LE		
16mm	Sound	Carto	ons	approx.	400"	\$8.0	10
Take a	idvanta	ge of	this	limited	offer	now.	-

include postage with all orders CINEPIX, INC., 243 West 55 St., N. Y. 19, N. Y.

CAMERA GUIDE

(Continued from page 159)

posure calculator matches readings of GE-Polaroid exposure meter: extra large focusing knob.

Last List Price: \$249.50

Last Reported Used Selling Price Range in 1955: \$149-\$168

Special Identification Points: 1. Conventional f/stops and shutter speed calibrations; 2. Coupled rangefinder: 3. "Pathfinder" engraved on lens plate and focusing knob.

POLAROID LAND MODEL 100

This model is basically similar to the Speedliner (Model 95A), but has been modified slightly for heavy duty business and industrial use. Lens and shutter are specially selected for sharpness and accuracy.

Introduced: 1954 (Currently in production)

Special Features: Permanently lubricated spreader-roller bearings; extra-strong stainless steel tripod sockets. Other features same as Model 95A.

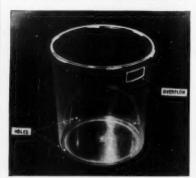
Last List Price: \$97.75.

Last Reported Used Selling Price Range in 1955: Not available.

Special Identification Points: 1. "Model one hundred" engraved on lenshoard.

HOW TO DO IT

Having trouble washing roll film in a sink? Go to your local hardware store and get a plastic container large enough to hold the reel from your developing tank. To assure a continuous flow of water drill four small holes about 1/8 inch in diameter, slightly above the bottom of the container. To



take care of overflow, cut a 1/2 by 1 inch opening near the top of the jar (see illustration). When jar is placed under running water the water will partially escape through the holes at the bottom, and rise in the container until it flows out of the opening at the top. This cuts washing time of film considerably. Chris Lecakes



all

011

vic

ore

Tie

NAT I

12

50

an

wo

the

nn

SPI

wi

ho fle

Co

pa

ex

th

tio

rai

80

the

pr

118

VO.

ca

tic

ca

ar

(a

die

po

fla

co

th

Instant Threading with the "Clip" on all Compco Reels

End the annoyance of trying to slip film into tiny slots! Exclusive Compco Reel with parented "Compco Clip" lets you thread reel instantly and surely even in the dark. Holds film firmly and surely even in the dark, holds him firmly ... releases film easily when unreeling. It costs no more to enjoy this annoyance-free feature. In all 8mm and 16mm sizes up to 600 feet wherever photographic equipment is sold! Ask for "the reel with the Compco Clip."

Compco CORPORATION

2267 W. St. Paul Ave., Chicago 47

Manufacturers of fine photographic equipment since 1832



CLEAN · WHITE · SMOOTH



At last, you can prepare for a fascinating, profitable career in photography without usual large investment. New low-cost LEARN-BY-DOING Method trains you at home in your spare time. Earn while you you at home in your spare learn! Then, start your

learn! Then, start your own studio or step into an exciting job—or, just get more fun out of "picture-taking". Write for "HOW TO OBTAIN THRILLS and PROFITS IN PHOTOGRAPHY". It's FREE!

Send For MONEY-MAKING Data

Modern Method Photo Gourse Dept. M. 1634 Center Ave., Fert Lee, N. J.



CENTRAL CAMERA CO. Photographic Headquarters Since 1899

Save money on all photographic equipment. Send for Central Camera Co. FREE Photographic Bargain List today. Central Camera Co., Dept. M-12, 230 S. Wabash, Chicago 4, III.

STROBONAR SEVEN

(Continued from page 93)

all three packs provide the same light output? 4. Does the "D" cell pack provide reliable results?

The unit gave enough light for all ordinary amateur photographic uses. Useful guide numbers were found to be: with Kodak Tri-X, 220-240; Plus-X, 120: Kodachrome, 30: Anscochrome, 50. All films were developed normally. With increased development of blackand-white films, higher guide numbers would no doubt be possible.

The guide numbers established by test were quite similar to those given in the instruction book accompanying the unit. This booklet, incidentally, is noteworthy for its candid language and conservative claims.

The photographic tests were made with a twin-lens reflex camera which has a taking lens of 3 in, focal length. The illumination appeared to be even over the entire negative area; there were no hot spots. Despite its small size, this reflector does a good job.

Comparing the three packs

Careful tests showed that the AC-Pak produces more light than the battery packs—the equivalent of 1/3 to 1/2 stop exposure difference. The instruction book recommends an interval of at least three seconds between flashes with the AC-Pak. Although the unit can be flashed every second, such rapid operation will burn out the AC-Pak, and there is really little need to flash at such a rate.

The AC unit draws very little current, so the cost of operation is negligible. It is an obvious choice where hundreds or thousands of flashes are needed indoors at a fixed location.

The Pro-Pak and the D-Pak gave approximately equal light output, when used within their capabilities.

The Pro-Pak is powered by the 510 volt Eveready #497 battery. The gun can be flashed every four seconds, with a 450 volt charge on the capacitor (practically a full charge). About 1500 flashes can be obtained from one battery, if they are all made within about one year (after that time the battery will start to die out by itself, from age). So, the Pro-Pak is a good choice for the man who needs many flashes in a short time, plus portability.

The D-Pak power supply proved to be remarkably efficient. The batteries cost only 80 cents per set, and under a severe flashing test produced 100 flashes with consistent, excellent results. With a less severe flashing schedule it is probable that many more flashes could be had from a set of batteries.

If the D-Pak is turned on for 30 sec-(Continued on next page)

F & B's \$50,000 Xmas Giveaway!

New York's largest movie dealer wraps up 14 gigantic Xmas gift packages to give ABSOLUTELY FREE to you with the purchase of new equipment.

YOURS FREE-Your choice with \$59-\$80 purchase

- EDITING OUTFIT . . . Craig splicer & rewinds, 6 pair film handling gloves, 2 film marking pencils, 4-400 ft. reels and cans, cement . . . VALUE \$25.00
- cans, cement . . VALUE \$22.00

 SCREENING OUTFIT . . 30x40 tripod screen, and automatic projector switch (switches house-light on and off automatically) . . VALUE \$23.50

 LIGHTING OUTFIT . . 4 light bar in metal case & 4 reflector flood lamps . . . VALUE \$22.50
- TRIPOD OUTFIT . . . All metal elevator type pan & tilt tripod and Cine Calculator . . . VALUE \$21.45
- tripod and Gine Calculator . . . VALUE \$21.45

 EXPOSURE METER OUTFIT . . . G-E Model PR-30 and case or Weston D/R and case or Skan Quick meter & case AND 8-16 mm Kelly Cine Calculator . . . VALUE \$21.45

 FILM . . . 4 rolls 8mm Kodachrome or 3 magazines 8mm Kodachrome (Guaranteed freshly dated) . . . VALUE \$15.00

 TITLING OUTFIT . . 8-16mm titler, with attached lights; zooms, rolls, wipes, incl. extra lens, and 2 photo-flood lamps . . . VALUE \$18.75

YOURS FREE-Your choice with \$81-\$110 purchase

- EDITING OUTFIT . . . Mansfield Deluxe 8mm Action Editor with rewinds, splicer, focus & frame controls, film cement . . . VALUE \$59.95
- ... YALUE \$59.95
 INDOOR FILMING OUTFIT . . 4 rolls 8mm indoor Kodachrome er 3 magazines (freshly dated) AND 4 light bar in
 metal case AND 4 reflector flood lamps . . . VALUE \$37.50
 TELEPHOTO LENS . . . 8mm II/2" ELITAR in focusing mount
 . . . VALUE \$38.95
- YOUR CHOICE . . . of ANY TWO gift packages in \$59-\$80 purchase group

YOURS FREE-Your choice with \$111-\$175 purchase

- SET OF MATCHED LENSES . . . 6.5mm wide angle ELITAR, 11/2" telephoto ELITAR in case VALUE \$56.90
 TRIPOD AND LIGHT SET . . . Quickset elevator pan & filtripod and 4 light bar . . . VALUE \$55.75
 YOUR CHOICE . . . of any ONE gift package from \$59-\$80 group PLUS any ONE gift package from \$81-\$110 group.

These and 1,000 other items available on F and B's Xmas giveaway

Omm CAMERAS

DE JUR Citation (7.2 s lens. 77.50

DE JUR Citation (7.2 s lens. 89.50

DE JUR Embassy mag. (2.5.106.75

DE J

Fadematic turret f1,9 FM 169,30 Callif. Fadematic tur. f1,9 177.00 KEYSTONE Capri Dial-O-Matic f1,9 59,95 Olympic f2,5 79,95 Olympic f1,9 FM 199,55 Olympic turret f1,9 FM 119,95 E8-IAir magazine f2,5 89,95 Bel-Air magazine f1,9 FF 91,14,50 Riviera turret mag. f1,2 119,55 F1,55 Riviera turret mag, 11,9, 139,95

REVERE

REVERE

C-00 spool camera £1,5 PM, 122,50
C-83 spool camera £1,9 FM, 122,50
C-84 turret £2,5 PM, 147,50
C-40 magazine £2,5 PM, 124,50
C-41 magazine £1,9 FM, 124,50
C-44 mag, turret £1,5 FM, 154,50

C-45 mag. turret (1.9 FM 12.9.5 C-45 mag. turret (1.9 FM 12.9.5 C-45 mag. turret (1.9 FM 12.9.5 C-45 mag. turret (1.9 FM 12.9.5 C-45 mag. turret (1.9 FM 12.9.5 C-45 mag. turret (1.9 FM 12.9.5 C-45 mag. turret (1.9 FM 12.9.5 C-45 mag. turret (1.9 FM 12.9.5 C-45 mag. turret (1.9 FM 12.9.5 C-45 mag. turret (1.9 FM 12.9.5 C-45 mag. turret (1.9 FM 12.9.5 C-45 mag. turret (1.9 FM 12.9.5 C-45 mag. turret (1.9 FM 12.9.5 C-45 mag. turret (1.9 FM 12.9.5 C-45 mag. turret (1.9 FM 12.9.5
Explorer, mag. turret fl.9 FM

SEND THIS COUPON NOW

Same gift offer applies to new equipment not listed

FLORMAN & BABB

68 W. 45, New York, N. Y. MU 2-2928

FLORMAN & BABB

68 West 45th St., New York 36, N. Y.

Please rush me the following east. Price \$. AND send me FREE GIFT PACKAGE No.

Enclosed is navment in full or Shin COD, 25% deposit enclosed,

SEND THIS NOW FOR XMAS DELIVERY



New—Portable Convenient!!



-LIKE A DARKROOM IN-A-SUITCASE

Professionals . Amateurs Acclaim it the finest for gorgeous "Professional" enlargements . . WITHOUT NEEDING A PERMANENT DARKROOM! Now . . new portable "HIDE-A-WAY" convenience (quickly assembled for fine work anywhere . . home, travel, etc.) is combined with world famous SOLAR "Blushbom" precision operatiop . . . In a Professional size unit. You get 4-element Tessar Type F/3.5 2" coated Lens: Dbl. Condensers: Non-actinic Baseboard: Dustless Neg. Carrier, etc. Takes Color Filters—Compact—29 lbs. 2-year GUARANTEE, 379.50 Complete.

BURKE & JAMES, INC. 321 S. Wabash Ave.,

IT DEFIES



3 INTERCHANGEABLE LENSES—TELE-PHOTO — WIDE ANGLE — ANASTIGMAT ... RANGE-FINDER & LEATHER CASE.

This Modern Precision Camera leaves nothing to be desired . . . Rapid Film Transport—Auto. Counter: Fully Sync. Prontor SV for Flash (M). Strobe (X). Delayed action (V): Speeds—B-l/p-1/300 Sec.: Steinheil F/2.8 (45mm): Telon F/5.6 (85mm): Choro. Wide-Angle F/3.5 (38mm) Lenses: Dble. Exposure Safety: Viewer: Leather Covered Metal Body; GUARANTEED. S200 value. Complete \$139.50 plus F.E.T. Complete Outfit #2 (4s above—Compartment Leather Case replaces E.R.) \$145.50 plus F.E.T.

BURKE & JAMES, INC. 321 S. Wabash Ave.,

STROBONAR SEVEN

(Continued from page 161)

onds before each flash, and turned off after each flash, consistent results can be had, even with color. Tests showed that the power could be left on for five minutes without undue strain on the system, but this practice is not recommended. The D-Pak is suitable for the casual picture taker, who may make 50 flashes in one week and then not use the gun again for several weeks or months.

The instruction book offers an important hint to extend battery life. If the gun has not been used for some time, the capacitors may need a great deal of current to charge them for the first flash. This initial charge should be made with old batteries, so they will be exhausted by the heavy load, instead of the new batteries.

Addition of a ready-light would be an improvement. If you don't allow sufficient charging time, the Strobonar Seven will flash even though the capacitors are less than half charged—at only 200 volts. With such a half-hearted flash, the light output is only about one-quarter that produced by a full 450 volts. This is a sure guarantee of underexposure, particularly with color.

Prices of the Strobonar Seven are: with Pro-Pak, including battery, \$71.90; with D-Pak, without batteries, \$79.95; with AC-Pak, \$69.50; with all three power supplies, including batteries, \$140.15. Prices of the power paks alone are: D-Pak, without batteries, \$38.95; Pro-Pak, without battery, \$14.95, with battery, \$30.90; AC-Pak, \$28.50.

-CHARLES HELLMAN

HOW TO DO IT

Ever try to set up a tripod on soft ground that wouldn't support the legs? One answer to the problem is a set of "shoes" made from 3-inch lengths of rubber lawn hose, each split on one



side. Ordinarily they remain snapped around an upper section of each leg. When needed, shift them as shown here. Since the "shoes" have a large gripping surface, they're also useful when setting up a tripod on a slippery, polished floor.

—Ken Murray



si

is

e

m

th

li an is

ne

th

in

ne

th

D

at Last!

a battery viewer for

21/4 x 21/4" 35 mm or slides



Use it in your hand or for table viewing without squinting... large, distortion-free picture. Perfect for group viewing of all sizes up to 21/4x21/4". Finest optical glass lenses... built-in magnifier in protective cover... compact, handsomely styled (adaptable to 110"V-A.C. with transformer).

\$12.50 incl. large batteries, bulb and 2x2 adaptor. See your dealer

MICO PHOTO PRODUCTS
119 S. Dearborn, Chicago, III.

OMEGA ENLARGERS

(Continued from page 95)

all add up to a ruggedness which is unsurpassed (if even matched) by any other photographic equipment we have ever seen. These things are built to last!

However, the brute strength which is evident throughout does not come from mere mass and weight. Aluminum allovs are the predominant material. Probably the heaviest single part of each enlarger is the laminated wood baseboard.

An important recent change in Omega construction is the standardization on twin "U" channel girders for upright supports in the B, D, and E series. Previously, some of these models were built around a single triangular, hollow girder similar in design to that now found only on the A-2 (see photo, page 94). The new girders are made with integral gear tracks along the back of both girders. Molded nylon gears engage the two tracks. When you crank the magnification control handle, the nylon gears run up or down the girder tracks, raising or lowering the lamphouse-negative stage assembly, which is counterbalanced by a spring tape.

A different system is used on the A-2; you simply loosen a large, knurled lock nut and slide the enlarger head up or

down as desired.

Another change from previous models is in the rotating base-to make giant prints, you turn the enlarger 180 degrees on the base and project onto the floor. Formerly a single lock knob was used to tighten the base pivot. Now three equidistant heavy duty bolts tighten metal clamps against a circular rim to hold the base rigidly in any position. A special wrench to fit these bolts is supplied with each enlarger.

Design principles: According to the Simmon brothers (there are three) the two most important principles in enlarger design are: even light distribution, and overall image sharpness. They consider that the construction feature which most determines whether or not these aims are achieved is the positive alignment (or lack of it) of the baseboard, lensboard, negative carrier, and light source, in relation to each other. If any one of these is out of alignment, it is impossible to get even light distribution and maximum overall image sharpness. And to achieve positive alignment they have gone to extraordinary lengths, including the elimination of several "sales" features which they consider to be incompatible with rigidity and correct alignment.

For example, tilting lensboards and negative stages, for distortion control, are found on many enlargers. Not so on the Omegas. Four bolts hold the nega-

(Continued on next page)

NOW- 3-DIMENSIONAL WIDE-SCREEN MOVIES AND SLIDES WITH YOUR PRESENT EQUIPMENT!

FIRST CINERAMA - THEN CINEMASCOPE - NOW VISTASCOPE!

BREATHTAKING **FULL DIMENSIONAL REALISM**

Just slip VISTASCOPE on your camera and projector. You take and project 50% more in each picture — get amazing realism equaling Hollywood's startling

NO RISK OFFER!

TRY IT FOR 15 DAYS! UNCONDITIONALLY GUARANTEED TO BE THE FINEST ANAMORPHIC SYSTEM IN THE WORLD!

HERE'S WHAT THE EXPERTS SAY!

JOHN GREGORY, Assec. SMPTE, in U.S. Camera:
"... truly remarkable ... creates the effect
of being there and taking part ..." NORMAN C. LIPTON In Popular Photography:
"Combines reasonable cost with unprecedented
quality. Overall sharpness, color correction."
ARVEL AHLERS in Medera Photography: "Impressive ... more realistic ... you are practically participating."

HOME MOVIE FANS! 35MM SLIDE FANS!



VISTASCOPE LENSES FIT ALL **CAMERAS AND PROJECTORS!**

Only

\$7.50 and projectors \$75.00

For 16mm. movie and 35mm.* still cameras and projectors and Rolleiflex with \$12.50 Rolleikin \$125.00

*Having 65mm. or longer focal length.

INTRODUCTORY METER OFFER!

Special Christmas Value! Photo Electric Light Meter . . . for the most advanced amateur. Highly sensitive. case \$1.50

CINEMA LENS COMPANY 277 BROADWAY • NEW YORK 7, N. Y

HERE IS HOW VISTASCOPE WORKS

VISTASCOPE is a double-purpose anamorphic lens. It utilizes two different focal lengths at once, one for height, the other for width. The VISTASCOPE lens on your camera "squeezes" a 50% wider on your camera squeezes a 3070 water image onto standard film. When the VISTASCOPE lens is attached to your projector, it "unsqueezes" the image onto the screen with no loss in image height and no distortion.

VISTASCOPE QUICKLY PAYS FOR ITSELF SAVE 50% ON FILM COSTS

VISTASCOPE'S 50% wider image means less panning. You get close-ups and long shots in one frame. One shot does what it took two or three before. The saving in film will pay for your VISTASCOPE

VISTASCOPE IS EASY TO USE

• You use Vistascope on standard camera lens
or telephote lens • You use standard films —
standard processing • You use standard screen
— standard projector.

ORDER VISTASCOPE TODAY

CINEMA LENS CO., DEPT. MP-12 277 BROADWAY, NEW YORK 7, N. Y.

277 BROADWAY, NEW YORK 7, N. Y.
Gentlemen: Please rush me the following:

8mm VISTASCOPE lens

16/35mm VISTASCOPE lens

VEE-VEE VISTASCOPE viewfinder . \$9.95

VUPA Adapter Ring for all 35mm slide projectors . \$9.95

VISTASCOPE SCREEN, 25"x50", deluxe push-button model w/tripod . \$24.95

Down Payment Complete Payment (C.O.D.'s — 10% down payment required) NAME

ADDRESS. 70NF STATE CITY

camera with I own_

I am employed by

\$1695 FOTOLARGERS

Professional results at the lowest price possible for fine, precision mode equipment. Only low price enlarger, offusing full line of occessories such as condensate s



18°5 CINELARGERS

Featuring new lens desi allows you to make pr from your 8 & W er a movie film, 8mm - \$18. 16mm - \$18.95. New 35 model for making 8 & Kadarday wints from 35 noaccolor prints fro slides \$21.95.



STANRITE SUPERPOD **GEARED TWO WAYS...**

FROM

Horizontal gear for smooth movies panning. Geared for fast elevation up-down action. Extra 90° tilt on panhead. Ball level, many new features that have never been offered on any tripod before.

THE MOST AMAZING TRIPOD EVER MADE

WRITE FOR FREE



money can't buy

—the services of more than two hundred specially trained VSP photographic instructors currently volunteering to bring Rehabilitation through Photography to hospitalized veterans, long-term civilian patients and handicapped children in 40 VSP programs throughout 8 states. These men and women give their time freely and devotedly.

but...there are things that money <u>Can</u> buy...

\$5.00 of your money can buy for a paraplegic veteran a special attachment for his camera enabling him to shoot from the arm of his wheelchair.

\$10.00 will buy a month's supplies for a class in photo oil coloring for polio and cerebral palsy crippled youngsters.

\$15.00 will build special height darkroom tables to accommodate long-term civilian wheelchair and stretcher cases.

\$25.00 will buy film and developing and printing materials for an average VSP Hospital Rehabilitation Photography Program for one month.

Your tax deductible Christmas Gift to VSP makes it possible for the hospitalized and handicapped to enjoy an absorbing interest of recognized therapeutic value all year through. VOLUNTEER SERVICE PHOTOGRAPHERS, INC., 292 Madison Avenue, New York 17, New York.

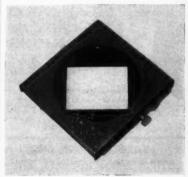
OMEGA ENLARGERS

(Continued from page 163)

tive stage rigidly—it is permanently locked into place at the factory, after careful measurement and leveling operations ensure its correct position. And the lensboards, although interchangeable, are also held in a rigid plane on the enlarger.

Says Fred Simmon: "Out of 100 average negatives to be enlarged, only a small percentage may require any distortion control. But to make perfect enlargements, all the rest of the 100 need a precisely aligned optical system. We know of no way to combine absolute alignment and moveable lensboards and negative stages-so we chose alignment. For occasional distortion control we recommend the old reliable method of tilting the easel. For the photographer who has many negatives needing such correction, we have a distortion controller (see photo below) which fits right in the negative stage without upsetting the alignment."

(Editor's note: Manual focusing is necessary when correcting for distortion, no matter which method is used. Afterwards the autofocus mechanism must be reset and the negative refocused.)



Distortion controller fits in negative stage. Negative goes in center opening, can be rotated or tilted at will by external controls to straighten angled building lines and other distortions.

The optical system: All Omega enlargers are designed to handle negatives of various sizes. This means that lenses of different focal lengths must be used—and interchangeable lenses are available. This raises the problem of getting even, brilliant illumination over all of the negative sizes which the enlarger will accept; in turn, the light must pass through lenses of different focal lengths and be distributed evenly over the easel.

The Model E is lighted by the Omegalite lamphouse—a doughnut-shaped affair containing a circular fluorescent tube. All that's necessary is to interchange enlarging lenses—the Omegalite diffuses its light evenly no matter what the negative size.



al

in

fo

in

or

WO

he

for

the

WI

foc

do

DE

Three Omega types are lighted by a white tungsten bulb (the midget 111 in the A and B: the larger 211 in the D series). The light is gathered by condenser lenses, diffused slightly by a translucent plate, and directed at the negative.

When enlarging lenses are interchanged, matching condenser sets have to be installed too. With a little practice, and if all the parts are at hand, both the enlarging lenses and condenser sets can be interchanged in about a minute. (Omegalite diffusion lamphouses are available for the B and D sizes; these do not employ condenser

systems.)

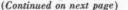
Some earlier Simmon enlargers were made with a different optical system. This was abandoned in favor of the present one, which is said to offer the following advantages: more precise alignment; greater rigidity; ability to use enlarging lenses of shorter focal length, yet still have even illumination (this permits a greater degree of magnification on the baseboard than was possible with the other optical system). The color head: This is optional equipment on all current Omegas, an important change from previous models. In case you are unfamiliar with it, the term "color head" means that it is possible to insert various colored gelatin filters into the light path before the light gets to the optical system. This means that images of dirt or other imperfections on the filters will not be projected down onto the easel.



Optional color head is available on all new Omegas. Colored filters fit in drawer-like holder on lamphouse. This is for making color prints.

A color head is an important feature for anyone who is doing color printing, but has not much application to ordinary black-and-white work. However, with some slight redesign, this would be the ideal location for filters to be used with variable contrast papers for black-and-white printing.

Problems of autofocus: Ever since the first enlarger, designers have been wrestling with the problem of automatic focus. Ideally, all you should need to do is move the enlarger head up or down





Finest professional instruction and equipment. Co-educational. Living accommodations secured for men. Attractive dormitory for girls. Training under G.I. Bill 559. Entrance January 4 or February 6. WRITE OFFICE OF REGISTRAR. ROOM 352.

750 North Michigan Ave., Chicago 11

OR THE FASTEST **PROCESSING** COLOR PRINTING

EXTACHROME, ANSCO & ANSCO CHROME PROCESSING

DYE-TRANSFER COLOR PRINTS ATKINSON COLOR PRINT SERVICE

Write for Prices or Send File 7273 Sente Monica Bivd. HOllywood 4-7531 Hellywood 46, Calif. De



For Exakta. Praktiflex, Praktica, Pentacon, Leica, C mounts. Can be preset between stops for exact color work. Interchangeable mounts. See Your Dealer . Write for Literature 100mm f2.8, \$69.95 135mm f3.5, \$74.95 85mm f2, \$124.50

AREL INC., 4916 Shaw, St. Louis, Mo.



TELEVISION CAMERAMAN

Send for FREE Bookiet P-12

TELEVISION WORKSHOP 1780 Breadway, New York 19, M. Y. PLaza 7-3721



ARGUS PROJECTOR

300 Watt with Blower, Case Reg. 48.50 ONLY \$38.50 ARGUS COMPLETE

BROWNIE 8mm MOVIE CAMERAS f2.7 Reg. 37.50 Only 29.50 f1.9 Reg. 46.75 Only 36.95

BROWNIE MOVIE PROJECTOR

KODAK STEREO CAMERA

Res. 84.50 ONLY \$67.00

ARGUS COMPLETE
AUTOMATIC PROJECTOR
With Carrying Case, Automatic
and one Magazine 300 Worth—Blower Cooled
Reg. 56.50 ONLY \$52.93
Reg. 159.50 Signat 300W Projector W. Case. Only 68.00
Reg. 87.00 A.O. Performer 500W Proje W. Case. Only 68.00
Reg. 87.50 A.O. Salt 300W Proje W. Case Chirly 38.95

JUST OUT! ANSCOCHROME

WRITE FOR MAIL ORDER PRICES ON ITEMS NOT LISTED. You save by buying from our Washington, D. C., Mail Order Department where minimum Fair Trade resale prices do not apply. Please include check or money order for full amount plus estimated postage. Fair Trade items at reduced prices for which the properties of the prop

"'For Personalized Service" Send your order or inquiry to:

9.50 Stereo Leather Case. 9.95 B.C. Flashgun. 12.75 Kodaslide Stereo Viewer I. 23.75 Kodaslide Stereo Viewer III. 69.95 Stereo Royal Table Viewer.

al Ansco Package-Guaranteed Fresh Dating 35mm Anscochrome, 20 exp. 120 or 620 Anscochrome

1 pkg. 33mm Anscochrome Easy-Loader (8-20 exposure bulk loads)

The Omega autofocus system: The Simmon brothers feel that they have finally licked the autofocus problem, with a novel conception by Alfred Simmon which has been incorporated in the new line.

able lenses.

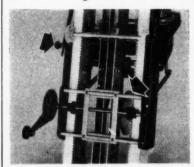
Look between the upright girders of an autofocus Omega and you'll see three long, narrow, hard aluminum alloy plates of odd shape. They are almost as tall as the girders. Each of these

lever system are a constant problem.

OMEGA ENLARGERS

(Continued from page 165)

successful autofocus enlargers.



Closeup of D-3 mechanism shows dual gear track girders, nylon gears, nylon guide wheels, rear view of three autofocus cams. Arrow at right indicates autofocus cam follower wheel; arrow at left, lever to raise lamphouse, open negative stage. Large crank handle is for magnification control.

plates is a cam, carefully cut to match the optical characteristics of a single lens, to which it has been matched. A large follower wheel is arranged to run up and down the length of any of the three cams, and this wheel actuates the



for

rig

one the

the

gag

lar

ma

wit

the

Th tor

inc

no

ear

the

th

me

an

tai

flo

pe

ett

TI

eit

ny

sis

de

T

B

0

ca

le

th

er

m

fo aı

tr

c

a

ir

WANTED GUN CAMERAS

Top Prices . Cash Airmailed immediately Ship at once

GORDENT, 5361 Auckland Blvd., North Hollywood, Calif.

MONEY IN PHOTOGRAPH GERMAIN IS AMERICA'S JOSEPHOSE PRO-

GERMAIN Is America's foremos fessional Photography School OVI TOP MONEY MAKING COURSES tougle leading professionals. Portrait. Commercial, Camera Repair, etc. Free Nat'l Placement. C Housing, Vet. Approv., Lic. N. Y. Dep't of Ed. Booklet 29

GERMAIN SCHOOL OF PHOTOGRAPHY .

A MANUAL OF AIRBRUSH TECHNIQUE



The alert photographer who will take the time to study the use of the alfbrush and master the technique of the alfbrush and master the technique of the albert of the technique of the albert of the a

American Photographic Book Pub. Co. Inc. 33 W. 40th St. New York 23, N. Y. (Add 3% sales ten for New York City delivery)



focusing lever, an extremely sturdy and rigid mechanism.

To change from one negative size to another there are three steps: change the lens; change the condensers; shift the follower wheel on its axle so it engages the appropriate cam. The enlarger must then be run up to maximum magnification and focused manually with a negative in the carrier. After that it remains in sharp focus until such time as lenses are interchanged again. The only special requirement is that the top of the easel must be exactly one inch above the enlarger baseboard. If not, focus will be inaccurate.

Much of this design was present in earlier autofocus Omegas-but now there is one important difference. The three cams appear to be loose in their mounts. You can rattle them around, and most people wonder how they maintain their proper position. Actually, the floating design ensures that they stay in perfect relationship with the lenses, but permits them to be completely free from stress and strains which might affect other parts of the enlarger structure. The cams are maintained in their desired position by carefully cut molded nylon blocks, which have great wear resistance and are dimensionally stable despite atmospheric changes.

The remarkable cams: Simmon Brothers will not sell an autofocus Omega unless it has factory-matched cams and lenses. If you have your own lenses, and they are of good quality, the factory will cut cams to match. Otherwise, they supply lenses with the enlargers.

The focal lengths of the lenses are measured to within .0021 inch. Then the focusing characteristics are computed, and a cam shape plotted. An electronically controlled machine traces and cuts the cams automatically, at low cost. In fact, the operation would be so costly, if done entirely by human hand and mind, that it would be prohibitively expensive to make the cams. Considering the length of cams and the even distribution of wear over that length, their hardness, and the manner of mounting, there seems to be no reason why they should not last for many years.

The Omega accessories: The multiplicity of devices which can be added to Omega enlargers is amazing; we won't even attempt to list them. This stems from a Simmon Brothers policy. The basic enlarger is made as simple as possible, with maximum emphasis on those features which everyone requires to make top-grade prints. Many other features which some darkroom workers want are available as accessory items. This keeps the cost of the original, basic enlarger down, yet makes it possible to

(Continued on next page)



HOW TO PLAN
A HOME MOVIE
SCRIPT by Oswell Blakeston,
145 p. \$1.75. Tells
you how to string
film shots into a
screen story that
flows. Also how to
plan scenes.

HOW TO A
FOR HO!
FOR HO!
MOVIES by T
Rose and Mar
Bensen. 115
\$1.75. Cov
timing, spee
character int
pretation, et
techniques.

RECT YOUR OWN MOVIES by Tony Rose. 144 p. 51.75. Selecting the subject, casting, organizing, everything the director needs to know. HOW TO MAKE HOME MOVIES by G. Wain. 149 p. \$1.75. Complete instructions from elementary phetography to projection. A gold mine of useful cine information. HOW TO EDITY OUR OW PMOVIES by H Baddeley. 134 p \$1.75. Splicing fades, dissolves detailed editininfermation including material on sound film

HOW TO TITLE YOUR OWN MOVIES by L. F. Minter. 126 .p. \$1.75. Lettering, backgrounds, borders, special effects, animated titles. Complete instructions.



HOW TO ADD SOUND TO YOUR HOME MOVIES by D. M. Neale. 136 p. \$1.75. The secret of successful sound in movies revealed by an expert in the field.

Name .



HOW TO MAKE GOOD COLOR MOVIES by C. Leslie Thomson. 133 p. \$1.75. Coler films, their characteristics, and how to handle them successfully.



HOW TO DO HOME MOVIE TRICKS by Julien Counter, 176 p. \$1.75, Dozens of ways to work camera magic and excite and puzzle your home movie audience.



HOW TO MAKE 8-MM. MOVIES by N. Bau. 15t p. \$1.75. The compiets story on the making of these popular-size home films. A great handbook for every camera owner.



CARTOONS

HOW TO MAKE MOVIE CAR-TOONS by John Halas and Bob Privett. 127 p. Stripes and script to screen, including materials, characters and script.



HOW TO MAKE V A C A T I O N MOVIES by H. Baddeley. 136 p. \$1.75. A manual that will assure you at thrilling films of your holidays. What to de, what to take.

the field.

Tully. Audience.** Camera owner. **serreduced above. Fill out year name and address below, tear out this ad and take it to your local camera store, Your dealer will be happy to order these books for fast delivery if he does not have them in stock. If you happen to live in area without a camera store nearby, you can order these books direct from us. Check the titles you want, fill out yeur name and address and amount inclosed, and mail with check or money order to the address below.

AMPHOTO, Dept. MP			
(American Photographic	Book Publishing	Co.,	Inc.)
23 West Allth St. New 1	York 23 N Y	-	

st 60th St., New York 23, N. Y.	Amount inclosed: \$

•	



Distributor

INTERSTATE PHOTO SUPPLY, New York 11, N. Y.

OMEGA ENLARGERS

(Continued from page 167)

add features as the photographer expands his darkroom activities.

In addition to all the standard items. Simmon Brothers will make up prac-



Special carrier holds 2 x 2 color slides.

tically any kind of custom gadget a photographer may want.

The new 35mm 4-2: This is the first 35mm Omega since pre-World War II days. There are two versions: a portable model with easily removable baseboard. and a carrying case; a "professional"



Portable A-2 35mm enlarger fits neatly into sturdy, cloth-covered carrying case.

model with a girder somewhat longer than that of the portable, to allow for greater magnification on the baseboard. They are very simple and straightforward in construction and follow standard Omega design.

Using the new Omegas: Extensive work with new Omegas indicates that the new autofocus system is completely successful. The enlargers still have the famous Omega characteristics of dependability and durability. They are certainly easy to work with.

We can think of a few improvements which could be added. Negative carriers, it seemed to us, did not match the mechanical ingenuity and ease of use which the rest of the machine showed. This is particularly true of carriers for 35mm film in the B and D models.

Some attention ought to be paid to a handy, inexpensive way of handling filters for variable contrast papers.

However, these are details which will probably be worked out in due time. Meanwhile, it's quite a family of -JOHN WOLBARST enlargers.

deluxe PROTECTION FOR YOUR TRANSPARENCIES

ASK YOUR DEALER EOP



MOUNTS

35 MM ALUMINUM GLASS SLIDE BINDERS



OF 20 \$175 BOX OF 100 50

Only ESCO gives you all these deluxe features:

- Lintfree Shock Absorbers-No Breakage
- Direct Write-On Titling-No Labels
- Glass Protection . Precision Centering
- Easiest to Assemble Reusable

Prices Slightly Higher in Far West

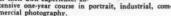
ERIE SCIENTIFIC CORP.

685 Seneca Street Buffalo 10, New York

Become a **PROFESSIONAL PHOTOGRAPHER**

• You can learn photography best under top-notch teachers. Franklin Technical Institute's faculty are successful professionals. They teach you from the wealth of their own experience. Intensive one-year course in portrait, industrial, commercial photography.

YOU PRACTICE ON THE FINEST EQUIPMENT



YOU PRACTICE ON THE FINEST EQUIPMENT Guided by these outstanding men you handle daily: Deardorff, Graphic and other cameras: latest enlargers; 2 to 24" Bausch & Lomb and other fine leness; light meters, etc. You study cameras, lenses, films; lighting, composition; retouching, finishing, mounting. Also science courses, business law. Limited registration. Coeducational. High school or equivalent required. Write for free catalogue.



FRANKLIN TECHNICAL INSTITUTE

Founded by bequest of Benjamin Franklin 49 Berkeley Street, Boston 16. Mass.



NEW LINE OF TWIN-LENS CAMERAS FROM JAPAN

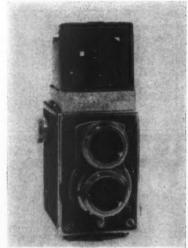
Three new 2½ x 2½ twin-lens reflex cameras from Japan are being imported by Interstate Photo Supply Corp., 17 West 17th St., New York, N. Y. They are the Soligor Reflex, Soligor Reflex II and Soligor Semi-Auto Reflex. Here's what they have in common: prism range-finders in the ground glass, f/3.5 coated Soligor lenses, f/stops to f/22, body shutter releases, built-in flash sync (FX) with European push-on type flash terminals, self-erecting hoods, sports-finders, and magnifiers.

Now for some of the differences: the prism rangefinder on the Reflex shows a slanted image when the subject is out of focus. A gear mechanism couples the three-element taking lens to the viewing lens. As you rotate one lens the other moves accordingly. Speeds are from 1/5 to 1/300 sec. There's a cable re-

lease socket.

Both the Reflex II and the Semi-Auto Reflex feature split-image prism range-finders, four-element taking lenses and front focusing panel on which lenses are mounted. As the side focusing knob is moved the whole panel moves in and out. In addition, field lenses are built into the two cameras for brighter ground glass viewing. Speeds run from 1/5 to 1/300 sec. on the Reflex II; from 1 sec. to 1/360 sec. on the Semi-Auto Reflex. Each has depth of field scale, and takes

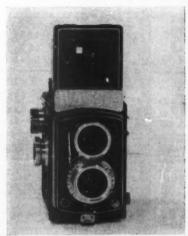
a Leica-type cable release which fits over the shutter button. The main difference between the two models is that the Semi-Auto Reflex has a semi-automatic film winder (shutter must be cocked manually on all three cameras) and features a built-in self timer.—c. w.



SOLIGOR REFLEX, \$34.95, has threeelement, f/3.5 Soligor lens. Gear mechanism couples both lenses for focusing. Price of leather case, \$5.95.



SOLIGOR REFLEX II, \$47.95, features built-in field lens, front focusing panel, depth of field scale, and a 4-element, f/3.5 Soligor lens.



SOLIGOR SEMI-AUTO REFLEX, \$59.95, is like the Reflex II but has semi-automatic film counter and a self timer. Leather case for either is \$7.95.



FR makes novel one-shot liquid developer packet

It's getting simpler all the time. The FR Corp., of New York, recently introduced an amazing new method of packaging developer in liquid form for one-time-use only. Instead of packaging



With FR's new one-shot packets of liquid developer all you do is add water, develop a roll, and toss the solution out. First developer to be packaged this way is their new X-22.

in the harder-to-use powder form, they place concentrated liquid developer inside a foil-and-plastic envelope, and seal it to make it air-free. This is particularly suitable for the first developer to be handled this way-FR's new X-22. which oxidizes rapidly and has a short useful life when exposed to air. It is designed for use with high resolution, thin emulsion, fine-grain films such as those made by Adox, Perutz, and Ilford.

Three packets (for 75 cents) are contained in a cardboard box, with instructions for use printed on the inside of the container. The box opens out flat for convenience, as shown at right.

One of FR's recommendations is to expose Adox films at higher than published ASA ratings if they are to be developed in X-22.

That's the sum and substance. But you'll find detailed information on how to dilute, develop, and use X-22 with these films on the inside of the card-



Full directions are printed on the inside of the box which holds three packets of X-22. For convenience it opens flat as shown here in picture.

board package. Each packet contains one ounce of concentrated developerenough when diluted to develop one roll of film. The solution can be used for two rolls provided both are developed within an hour of each other. After that, throw your used "soup" away. It's easy to open another foilplastic packet and mix up a new batch.-c. w.

COLOR DEVELOPING For the Perfectionist 24 HOUR DELIVERY

35mm Devel. & Mounting Anscochrome Ansco I.00 | 2 Rolls | 3 Rolls | 2.75

36 Exposure

Ansco or Ektachrome 2.00 120-620 Ansee | 1 Roll | 2 Rolls | 3 Rolls | 1.75 | 2.50

SLIDE DUPLICATING

Mounted 17° 6 for 1.00

15° 7 for 90¢

KODAK 1956 EKTACHROME RELOADS 35mm Daylight or Indoor Times as Fast as Kodachrome (ASA32 o Not Confuse with Aero Ektachrome

Price Incl. Developing & Mounting 20 Exp. 36 Exp. Roll.....\$2.50 | Roll......\$3.95 Rolls......\$6.95 | 3 Rolls.......10.49

35mm Ektachrome Bulk Film 1956 Date 28 ft. Price Incl. Dev. & Mtg. \$16.95 No Dev. 28 Ft. \$11.50—100 Ft. \$38.00

SUPER-FAST ANSCOCHROME ASA 32

20 Exp. 35MM 36 Exp. Roll \$2.50 | I Roll \$3.75 Rolls 6.65 | 3 Rolls 9.99 828: I Roll \$1.75—3 Rolls \$4.75 ALL PRICES INCLUDE DEVELOP-

120-620: 1 Roll \$1.95-3 Rolls \$5.50 (Incl. Processing) Reloads*

THIS WALLET SIZE COLOR

from 35mm only

SPARKLING COLOR PRINTS

31/4 x 4

Any 6-2.35

Any 4-1.85

BULK 35mm ANSCOCHROME

Daylight Film Loader plus 28 ft. Anscochrome tengued and frame num-bered. 8 FREE Cartridges & 8 Mailing Bags. Deluxe Developing and Mounting \$14,99 (21/2 x 31/4) ea.

Any 9 for 1.89

ANSCOCHROME STEREO

5 x 7 85 4 Any 3-2.40

order

8 for

1.40

8 x 10 Any 3-5.35

FACTORY FRESH ANSCO COLOR 535

If it isn't called 535 there's a reason and it can't be good! ANSCO COLOR 535 is the only emulsion made by Ansco fit for amateur use. ALL OTHERS are stale Holly-wood shortends.

3 Rolls \$4.89 5 for \$7.90 7 for \$10.69 12 for \$17.95

ON ALL ORDERS OVER \$15 WE SHIP VIA AIR INSURED, AND PAY POSTAGE

COLOR PRINTS Color Developing Orders Over \$3. to APO Addresses Shipped FREE VIA

4x5 5x7 8x10 50¢ 85¢ 1.75 6 For 1.00

SERVICEMENS COLOR PRINT CO. Dept. MP2, 78 W. 47th St., New York 36

Personal COLOR PRINT

From your own 35mm **Color Transparency** Price includes your own color print on handsome, standard size Christmas card with matching envelope. MINIMUM ORDER \$2.50

35mm EKTACHROME

(NOTAERO EKTACHROME)

20 Exp. 36 Exp. 1 Roll \$1.50 | 1 Roll \$2.10 3 for 3.99 | 3 for 5.95

28 ft. 8 Free Carts, \$11.25 100 ft. 25 Free Carts, \$37.50 120-620 EKTACHROME 3 Rolls \$3.25 5 for \$5.15

KODAK PLUS X-XX

20 Exp. 36 Exp. 6 Rolls \$1.79 | 4 Rolls \$1.97 10 for \$2.75 | 8 for \$3.50 100 ft. X or XX \$3.75

28 ft. ANSCOCHROME

Free Carts.
Free Mail Bags. \$8.95

16MM KODACHROME

FREE Film Loader

35mm ANSCOCHROME

20 Exp. 36 Exp. 1 Roll \$1.50 1 Roll \$2.15 3 for 3.99 3 for 5.99 ANSCOCHROME

Rolls \$3.15 5 for \$4.99 28 Anscochrome 5 for \$4.35

KODAK 35mm TRI-X 20 Exp. 36 Exp.

ANSCO COLOR 1956

me Numbered—Tongued EXP. 28 FT. CANS Rolls \$3.7511 Can \$6.75 tolls \$5.99 3 Cans 19.25 Rolls \$8.49 5 Cans 29.95

WESTERN PHOTO SALES

-day Return Service DIRECT FROM POCHESTER

DDAC PRINTS

PROCESSED BY KODAK'S SPECIALISTS

Why risk inferior results! You get highest possible quality with Fascolor service. Color films are processed right here in Rochester by Eastman Kodak in the world's foremost laboratories.

Send for complete list of other color services at money-saving prices.

P. O. Box 86 Rochester 1. N. Y.

FILTERS (GOVT. SURPLUS)

BRAND NEW EASTMAN KODAK WRATTEN FILTER 4" SQUARE

in original package. Colors: K2, X1, 81, 818, CC SERIES: 05C, 10C, 20C, 30C, 05Y, 10Y, 20Y, 05M, 10M, 20M, 30M, 20Y+05Y, 10M+05M, 20M+05M

List \$10.75

THE Camera Barn New York City

COLOR PRINTS

Beautiful

X-MAS CARDS 2X size 15¢ ea., Card 5¢ ea. Min. 10 cards. Order New! Fast Service

Send film or write for information on complete color service

135 Liberty Street



FEDERAL INSTRUMENT CORP. Dept MP1212-10 Broadway, 4. 1. City 6, N. Y.

POCKET TITLER REDWING CAMERAS



Easel Snaps Flat For Easy Carrying List Price \$9.95

1001 NOVEL and TRICK EFFECTS

This new Mansfield Smm Brownie Titler enables you to make your titles "on the spot" while making your movies. No splicing or special set-up, Make Revolving Titles. Fip Up Titles, Wing Titles, Dramatic Titles, Unexcelled for close-ups. Easy to attach, easy to carry. Complete with close-up lens, title cards and instructions. or cart's supply, write direct to:

If dealer MANSFIELD INDUSTRIES, INC., DEPT. PT

GUARANTEED COLOR KNOW-HOW



Don't miss new 4th edition of "Kodachrome & Ektachrome"
the color shooters "bible." This
famous book offers a complete
course in color photography based
on Fred Bend's 18 years of intensive experience.

Absolutely up-to-date. Includes new Kodak Color Print Materials, new films; new chapters on Exta-color and Flexichrome, much more. Buy it today at your dealers or, order direct — \$8.75, postpaid. MONEY BACK GUARANTEE

\$8.75

Camera Craft Pub. Co. 95-M Minna St., San Francisco 5, California

MULTI-COLOR COMPANY P.O. Box 54. Northridge, California



EASTMAN TRI-X SUPER XX PLUS X

20 EXP.....30c Ea. 36 EXP.....50c Ea. Bulk: \$4.25 per 100 ft. — \$2.25 per 50 ft. KODAK EKTACHROME A.S.A. 32

20 Exposure cartridge \$1.50 ANSCO COLOR RELOADS

20 Exp. (A.S.A. 12) \$1.25 Ea. 3 Rolls...\$3.50
All fresh, clean safety film. Satisfaction guaranteed or money back. Please include 10c extra per order to cover postage and packing. Me C.O.D.

EASTERN PHOTO LABS, Dept. "B"
1405 N. Charles St. Baltimore 1, Md.

KELLY CINE CALCULATOR

Featured in Nov. MODERN PHOTOGRA-PHY. A SLIDE RULE CALCULATOR that solves ALL your film problems. A MUST for film makers.

Model I 8-16mm Model 2 35mm FLORMAN AND BABB, 68 W. 45th, N. Y.



While Shooting! While Shooting!
Optic "SCENE-TITLER"
fits 8-16 mm. lens. Just write title on special glass & alm camers at light. No guessing about scenes;
CHEMA SPECIALTES, Dept. M. 5882 Hollywood Blyd., Hollywood 28, Calif., WRITE FOR FURTHER INFO.



CHILD PHOTOGRAPHY-The Modern Way-

The Modern Way—
by Josef Schneider, one of
the Country's leading child
photographers. Tells and
shows you in 208 pages
and 275 Illustrations and
diagrams, all the tricks
that get best pictures of
little folks—tots to 'teenagers. Gives priceless
information on most
effective use of flood,
flash and speedlights
for black and white
and color. All you ever need
to know to take really fine pictures
of children.

dd 3% eales tax for New York City deliver American Photographic Book Pub. Co., Inc. 33 West 60th Street, New York 23, N. Y.

The Greatest Little "Strobe" in the World!



LUMAX MFG. CO., 489 6th AVE., N.Y.C. 11

COLOR

COLOR PRINTS

From Any Size Transparency

PRINTS

Color Prints with Xmas Folders From One Transparency 24a x 34a 344 432 12 for 9 3.25 12 for 9 5.00 24 for 8 6.00 24 for \$1.00 100 for \$22.00 100 for \$40.00 Ansco. Anscochrome.

Mounted

Box 46125

Ektachrome Processing 25c ea. 20 exp. 35mm. mtd. 100 minimum Order 2.00—No C.O.D.

Los Angeles 46, Calif.

Airequipt REMOTE CONTROL For most projectors accepting Airequipt \$29.55

.

A feature you pay up to \$50 for on other automatic machines, Fully guaranteed.

Airequipt Slide Changer......\$9.95 Extra magazines, 6 for......\$9.50

FOTO-VIEW, 323 W. 42d St., N.Y. 36, N.Y.



2½x3¼...25c (ANY TEN 20c EACH). SQUARE 120-620 FILM WILL BE MADE 2½x2½. 3x4...40c 5x7...41.25 4x5...60c 9x10...2.00 24 HR. FILM DEVELOPING \$1.00
ANSCO OR EKTACHROME SIZES
35MM (IN SLIDE MOUNTS). BZ OR
35MM DUPES
MINIMUM ORDER \$1.00. INCLUDE POSTAGE.

WASHINGTON

27 20¢ COLOR PHOTO
PER SLIDE
P. O. BOX 1605 • WASHINGTON 13, D. C.

NEED A 35mm CAMERA???

Certo Dollina, Schneider F2.9, synched, used... 23.98 Robot "Luftwarfe", Zelas Tesaar F3.5, used... 23.98 Robot "Luftwarfe", Zelas Tesaar F3.5, used... 23.98 Robot "Luftwarfe", Zelas Tesaar F3.5, used... 23.98 Praktifiex, single-lons refex F2.9, L.N. 29.98 Praktifiex, single-long refex F2.98 Praktifiex, single-long refex F2.98 Praktifiex, single-long refex F2.98 Praktifiex, single-long refex F2.98

COLOR PRINTS WITH CHRISTMAS CARDS

.\$ 3.00 10 for .. .\$ 6.75 25 for .. \$ 5.50 \$12.50 \$22.50 WALLET SIZE PRINTS 31/4 x 41/2 50c | 4 x 5.......75c 5 x 7 90c | 8 x 10....\$2.00 11 x 14 4.50 | 16 x 20 12.50 23/4 w 33/4

COLOR

COLOR SLIDE Min. Order \$1.00.

35mm-20 exp. mtd Roll 51.00 120-620.......Rall 51.00 Premier Color C

P. O. Box 46176
Cole Branch • Los Angeles 46, California

EXCITING NEW GLAMOUR BOOK



We Guarantee that this book will teach you how to make beautiful and exciting glamour pictures. "HOW TO SHOOT FOR GLAMOUR"

GLAMOUR'
By Carl Bakai
reveals all the secrets of the top
professional glamour photographiers. Contains special sections by:
Andre De Dienes, Peter Basch,
Bernard of Hollywood, Candy
Jones Conever.
270 terrific illustrations by

48 top glamour photographers

Camera Craft Pub. Co. 95-M Minna St., San Francisco 5, California



ANSCO COLOR & EXTACHROME ROLLS PROCESSED 120, 620, AND 35MM (Mtd.) \$1.00, 35MM DUPLICATES, 20c EA

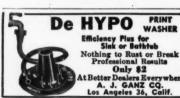
NO C.O.D.'S-MINIMUM ORDER \$1.00 Lo-PRICE COLOR PRINTS

21/4x31/4....30e 3x41/8....50e 4x5....75e 5x7.....51.25

ACME COLOR PHOTO LAB.

Box 6025-M, Minneapolis, Minnesota





PRINTS 30 JUMBO PRINTS

Introductory Offer: 8 exp. Roll ... 16 exp. Roll 20 exp. Roll 36 exp. Roll Quality Quaranteed or Money Refunded

nd Post Cand for FREE Mailer MEL'S PHOTO, Box 106C Bklyn. 20, N. Y.



Now SUPERIOR Brings You EASTMAN'S NEW, FAST TRI-X REVERSAL FILM

ASA 250-500 for indoor movie-making. (25% faster for outdoors.) Fine grain, wide latitude, good con-

SUPERIOR BULK FILM COMPANY



\$12.95 DAVID SPECIALTY CO.

\$7.95

JUMBO PRINTS IN ALBUM

CREST FILM LABS Dept. B. 9 E. 167 St.

BULH & RELOADS 35mm FILM FACTORY

EASTMAN 8 & W BULK
PLUS X—TRI-X
Background X—Infra Red or
Dupont Superior #2
271/2 ff.—\$1.00 100 ft.—\$3.50

CITATION LITE UNITS

Small in size
 Precision engineered
 Packaged in beautiful Carry Pack complete with GE lamps

SEE YOUR DEALER

215 W. Hubbard St. Chicago 10, III.

ALL PRICES POSTPAID . IN CALIFORNIA ADD SALES TAX PACIFIC COAST FILM CO. 1510 N. Sierra Bonito

SAVE on KODAK SAVE on ANSCO SAVE on CAMERAS—PROJECTORS

SAVE ON CAMERAS—PROJECTORS

Guaranteed Fresh or your Money Back

8MM x 200 And 2.88

8MM x 200 And 3.88

8

21/4

16

Fast S

AU

C

G

ZENITH MOVIE SUPPLY CO., INC. 308 W. 44TH ST. N.Y. 36, N.Y. Established 27 yrs. same location. CI 6-006

Lowest Prices in the Prices are for one or any number of different films.

5 for \$1.00.....21/4" x 31/4" 5 for \$2.00......31/4" x 41/2" 5 for \$4.00......5" x 7"

Our modern laboratory has the latest equipment that guarantees the finest, brilliant color print transparencies. Iry us . . . we guarantee satisfaction. FAST SERVICE.

Send film or inquire about our complete color service.

ardinal COLOR P.O. Box 125, West Albany, New York



Unusual Color Titles

Put ZIP into your shows. Delight your friends with a humorous "professional" touch. For real showmanship, introduce these titles at the right time and wait for the raves. Different-cleverly designed 2 x 2 color slide titles— using pretty Hollywood models. ACT NOW-Set of 4-\$1.50. Free Catalog and sample slide title-Send 25c to cover mailing.

HOLLYWOOD **SPECIALTY PRODUCTS**

6253 Hollywood Blvd., Suite 1028 Dept. M12, Hollywood 28, Calif.



(From 35mm onl Color Prints from 35mm to 4x5 Trans. 2½ x 3½ 2 4x 5 4½ 2 75¢ ...\$1.00 ...\$2.00 ...\$4.50

12 for \$ 3.50 25 for \$ 6.75 50 for \$12.50 100 for \$23.00 From One Tran

Ansco Anscochrome

SUNSET COLOR LAB Box 46415, Dept. M - Los Angeles 46

PHOTOGRAPHY

OUTDOORS Here's one richly il-lustrated book that gives you detailed information on how to take beautiful landscapes, marines and anow scenes—clouds, oree pas-terns, wild life, flowers—how to get best result with filters. A wealth of "incom-how" for the outdoos-man. From your dealer or direct—\$3.50.

AMERICAN PHOTOGRAPHIC BOOK PUB. CO., INC. 33 West 60th Street New York 23, N. Y.

Xmas Cards with your own color prints

From One Transparency

21/4 × 31/4 12 for \$ 3.28 25 for \$ 6.90 50 for \$11.50 100 for \$22.00 COLOR PRINTS

31/4 x 41/2 12 for \$ 6.00 25 for \$11.25 50 for \$21.50 100 for \$40.00 ANSCO, ANSCOCHROME

21/4 x 31/4...... 25¢ 31/4 x 41/2..... 50¢ 4 × 5 604 ..\$1.75

EKTACHROME COLOR PROCESSING

\$1.00 Roll 120-620 or 35mm. 20 exp. Slide Duplicating, 25¢ ea.

VALLEY COLOR LAB

Box 36538-Los Angeles 36, Calif.





4 x 5 5 x 7 8 x 10

50c \$ 1.00 \$ 2.00

DUPLICATE 35 mm slives, 25c

Film Processing: Ansocotrone, Etachrome
35 mm, 20 eap, into: 120-620; 31 per foll

Minimum Order 31

Minimum Order 31 35 mm, 20 exp., mtd.; 120-620; \$1 per rell Minimum Order \$1 Fast Service • High Quality • Money Back Guarantee No. C.O.D.'s please

AUTHORIZED ANSCO COLOR LABORATORY COLORFAX LABORATORIES
1160-M Bonifant St., Silver Spring, Maryland

GLAMOUR GUIDE . . . how to photograph girls

by Eugene M. Hansonby Eugene M. Henson-Whether amateur or pro-fessional, you can profit from Hanson's tips on how to make pictures to flatter the girl in front of your camera. Please her by studying the techniques described, the lighting diagrams and the 100 photographs pre-then applying them to your own work. 210 pages, 7 x 10, cloth, \$5.00

American Photographic Book Pub. Co., Inc. 33W. 60th St., N.Y. 23, N.Y. (Add 3% sales tax for New York City delivery)



Model Release Forms REQUIRED BY MOST EDITORS

25¢ for a pad of 25 Limit 4 pads to each. No stamps, please

Modern Photography, 33 w. 60th St., N.Y. 23, N.Y.



MAGIC PLASTIC TITLE SET

The most unique year-round title est in the land! Ideal for 8 and 16mm movies, for sildes, and for anashots (let yeur stills include a title as you snap your picture). For outdoor & indoor titling—for color & black and white. There are 410 plastic letters in 3 colors; 5 interchangeable 13x18" backgrounds. At your dealer's or send to:

Stanley Plastic Products



WANT TO IMPROVE YOUR PHOTOS? Want to know HOW -- WHER -- WHERE you made a photograph? Accemplish both by using PIC-REC Exposure Record Cardel

ORDER TODAY!

100 CARDS in Deluxe Vinvl Binder
100 CARDS in Standard Binder\$2.00
100 CARDS only\$1.00
500 CARDS in Steel Filing Tray\$8.50
Postpaid in U.S.A. Send check or M.O. to

Pic-Rec Dept. M, 193 Battery Pl., N.E. Atlanta 7, Georgia

SAVE KODAK-ANSCO-McGREGOR \$

	Koda- Ansco throme Color		
8mm x 25' dble, roll \$8mm x 25' dble, mag. 16mm x 50' mag. 16mm x 100' roll	3.70 3.70 5.60 5.60 8.39 8.39	5.95	*******
8mm x 25' dble. roll 16mm x 100' roll 16mm x 100' roll 0.D 35mm x 20 exp. 35mm x 36 exp.	\$2.25 ea. \$5.75 ea. \$3.50 ea.	3 for 1 3 for 1 3 for 1	5.95 6.75 0.00
8mm x 25' dble. roll 16mm x 100' roll 35mm x 20 exp. (proc'd) 120 & 620	\$1.25 ea. \$4.75 ea. \$1.50 ea. \$.75 ea.	3 for 3 for 6 for	\$13.2
Plus X 35mm # 20 Exp. rolls 36 Exp. rolls TRI-X 20 Exp. Anscochrome 20 exp	30¢ ea. 45¢ ea. 45¢ ea.	4 for \$ 3 for \$ 3 for \$	1.00

Please include postage with order.

Sample FREE! Stereo Slide the Glamout FREE! Catalog of Stereo viewers cameras, slides, lens, etc. of Stereo cameras, slides, lens, etc. Get this of Stereo!

FREE! Stereo Slide

FREE 3-D Write STEREO SPECIALISTS
Box 952, Dept. 7
Church St. Sta., N. Y. 7, N. Y

Church St. Sta., N. Y. 7, N. Y.

DYE TRANSFER \$295 ed COLOR PRINTS

Additional Prints From Same Film \$1.50 ea.

Dye frander Print offer new faithful reproduction of other verbors, both up tonger without fielding, do not flow a faulty days traffer are 700 fullify grint. To held the princ down we must limit the size to \$57. New production method: coulde w, to bring you bye franches at this \$155.00 for a flower of \$1.50 for a flower of \$1 ; do not have a high glass surface — are QHALITY if the size to Sa7. New production methods and 95 price ordinarily costing S15. No C.O.O.'s planse.

MOONGLOW COLOR PRINTS P.O. Box 38486-HOLLYWOOD 38, CALIFORNIA



ENVOY BAND TANKS

The finest available . . . have acetate apron that prevents scratches. Spigot in base for clean, easy emptying.

120/620 35mm \$5.00

BENARD SALES CO., MP12, 18 E. 17th St., N.Y. 3.

NEW

"LITE-TITE" DARKROOM

VENTILATOR

Clears the average darkroom in approx. 2 minutes. Gives year around comfort. Fits onto any wall in minutes—plug into any 110V AC outlet. Pracision built meter has self elling bearings. Eight inch 5 blade synero balanced fan is whisperquict. Finished with handome brown wrinkled coannel weight. Specially heaffed inside to keep light out of darkroom. Unconditionally guaranteed. See your dealer or buy direct for low price of \$18.50 postpaid. Seed Money order or check \$5

STRATFIELD COMPANY 404 Grand St., Bridgeport, Conn.

Now Processing-

EKTACHROME F-1 EKTACHROME 35mm E-2 ANSCO COLOR **ANSCOCHROME**

CALIFORNIA COLOR

Photocolor Specialists

971 Howard St.—Dept. M San Francisco 3. California

EVERY DETAIL CLEAR AND SHARP WITH PORTRA LENSES



CAL-CAM FOCUS GUIDE

Works on all 35mm & Bantam cameras using a 2+ or 3+ Portra iens. Not only measures lens to subject district. Light weight, all metal, fully adjustable. Eliminates all guesswork-parallax trouble. No peep hele to squist through. Send make of camera.

U. S. Postage paid if cash with order, C.O.D. charges added. Calif. orders add 3% sales tax.

CAL-CAM — Dept. M12

1564 N. Grand Oaks Ave., Pasadena 7, Calif.

Now! Economica! Color Prints With Beautiful Xmas Folders AT PRICES YOU CAN AFFORD

21/4 x 31/4 12 25 50 100 31/4 x 41/2 **Color Prints** 4 x 5.....50c 2½x3½ 25e 3½x4½ 45c 5x7 1.00 8x10 2.00 11x14 5.00 16x20 12.25 Min. Order 1.50 No C.O.D. 12 for 24 for 50 for 100 for

CANYON COLOR COMPANY

Box 36536

Los Angeles 36, Calif.

COLOR SLIDE DUPLICATING

Fine-i quality, sharpest reproduction.
One of the West's oldest color slide duplicators. 35mm Mounted

24 Hour Color Flim Processing
Ansec, Ansecohrome, Extrachrome
QUALITY COLOR PRINTING ALSO AVAILABLE
STEDCO PHOTO
7810 Moirose Ave., Dogt. M. Les Angeles 48, WE 6-0858.

KODACHROME COLOR or BLACK & WHITE

Protect your valuable originals from projector

Hollywood MOVIE LABS, Dept. M 12522 Ventura Blvd., Studio City, California

Finest Quality Imported PRECISION PLIERS

Flat Nose Combination
Diagonal Cutter Round Nose 75c

Snipe South Rose Se.

FOR JEWELERS, OPTICAL WORKERS, HOBBYISTS, CRAFTSMEN OF ALLments are of drop-forged, heat-treated high quality tool steel, fabricated to most exacting specifications. All over ground and working joints with just the right tension. Java meet perfectly to safely and securely working joints with just the right tension. Java meet perfectly to safely and securely hard-to-reach corners and angles. Each plier is 4° long and a veritable gem of precision and strength.

all 5 for \$3.50

Send Check or Money Order. If C.O.D., fees extra. Money Back Guarantee.

SCOTT MITCHELL HOUSE, INC.
Dept. PL-24, 611 Broadway, New York 12, N. Y.

ALL 22 COLOR CONTROL FILTERS IN THE PALM OF YOUR HAND. ONLY \$8.95



Series VII (#4) - \$17.95 2" Squares - \$16.95 Buy at your local camera store or sent postpaid cash with order.

HARRISON & HARRISON

6363 Santa Monica Boulevard, Hollywood 38, California

AUTHORIZED MOUNTING SERVICE FOR SAWYER'S THE MESTER

VIEW MASTER REELS FROM ANY 35 MM STEREOS ALSO, COMPLETE 35 MM SLIDE SERVICE.



Write for Price List and Information

Color Stude Duplicating

South State House Hou

SEE-SHARP

FOCUSING DEVICE FOR ENLARGERS

Makes easel image brighter Magnifies the "un-sharpness" Makes critical focusing easy \$2.50; Money back guarantee Or, through your dealer

Cargille Scientific Inc. 117 Liberty St., New York 6, N. Y.

Shoot Color! Make Money! We sell your pictures to a demanding market. Picture ideas furnished. Coaching service offered. Make \$100-400 per subject. Write today!

AMERICAN COLOR AGENCY 7130 HOLLYWOOD BLVD. HOLLYWOOD 46, CALIF.

LOOKING.... for a Quality Photo Laboratory at reasonable prices

Your FILMS are developed fine grain by inspection in Finex-L with

· CARE · THOUGHT · SKILL Your ENLARGEMENTS ARE
FINISHED TO YOUR INSTRUCTIONS CROPPED
TO YOUR SPECIFICATIONS SPOTTED WITH CARE COPY NEGATIVES from B&W and color

AND YOU CAN DEPEND ON The Laboratory for Professionals and Advanced Amateurs

REO PHOTO SERVICE DEPT. B, 11 WEST 42nd STREET, NEW YORK 36, N. Y.
Ask for complete price list and mailing bags

MAKE YOUR MOVIES COMPLETE with 'MAJOR' PRODUCTION AIDS!

The FINEST Complete Library of Recorded Sound for Your Movies!

1000 MUSIC - TITLE MUSIC - BRIDGE MUSIC SOUND EFFECTS - OPENINGS & CLOSINGS

Ball & Howell 202

BCA 400

Calvin Mevie Mits Sound 8 Ampro Magnetic Optical 477 All High Fidelity Recordings With Excellent Defin

THOMAS J. VALENTINO, INC. Dept. MP 150 West 46th St., New York 36, N. Y.

16mm Sound Projectors **ROUGHT—SOLD**

BELL & HOWELL-AMPRO-NATCO-VICTOR-DEVRY-KODASCOPE

Sell us Yours-Send for list of Ours **Hundreds of Full Length Sound Features**

> ALL EXCELLENT \$21.95 Post Paid

Send For FREE List ABBE FILMS

417 W. 44 St., N. Y. C.

PLaza 7-2219

FINER FOTO FINISHING

FASTER SERVICE. Your film processed same day reed. Quality work. Encl. 25e addl. for air mail return. Free mailing bags. SATISFACTION GUARANTEED.

PER ROLL 8 exp. .50 12 exp. .80 16 " 1.00 316 x 5

PHOTOCRAFT LABORATORIES Department A-11 Post Office Box 25307 Wost Los Angeles Station + Los Angeles 25, California

ARE YOU GOING TO MEXICO?

Then be sure to take with you a copy of "Photographing Mexico," by Cecil B. Atwater, veteran traveler, noted photographer, and regular visitor to that delightful country for many years. Spots missed by the average tourist are covered in this unique book you need to make you tries. unique book you need to make your trip a success. Send \$3.50 to (add 3% sales tax for N. Y. C. delivery)

AMERICAN PHOTOGRAPHIC BOOK PUB. CO. INC. New York 23, N. Y.

PHOTO BOOK CATALOG

Listing almost 700 titles! 40 Different subjects! First time ever—one catalog lists every photo book available. Cross Indexed by subject, title, author. Many illustrations. Covers entire photo book field. Many titles unavailable elsewhere. Send 25c and your copy will be rushed to you. AMPHOTO 33-M W. 60th St., N. Y. 23, N. Y.

THIS AD WORTH 50¢



SEND THIS AD AND \$2.00 We'll send you five co NICKELODEON CO., Box 792M, Walla Walla, Wash.

750 mm TELEPHOTO LENS

for all 35mm single lens reflex cameras with focal plane shuttere

\$18.00 fob factory. Shipped by ex-press. C.O.D. orders require deposit. Free literature. CARL W. JAMER, Manorville 4, N. Y.

35M BELLUXE FINISHING

ow you can have your photos tooking their finest on the control of VALUE 35MM LABS P. O. Box 38M, C. I. Station Brooklyn 24, New York

FLASHBULBS 35% Off

Bulb # CASE QTY. #5 120 #SM 120 #11 120

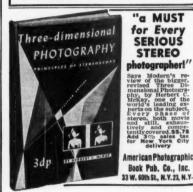
All bulbs guaranteed at two for one. 35% off in case quantities. Shipped prepaid. Send check or money order only. MERIT PHOTO SHOP N. Y. 18, N. Y.



1954 INDEX NOW AVAILABLE

We have just received the new index covering issues from January, 1954, through December, of all articles published in MODERN for those issues, indexed according to subject, author and title. We do not expect them to lest long. You may have one for 50 cents.

Modern Photography, 33 West 60th, New York 23, N.Y.





ACME COLOR PHOTO LAB.

(Cardí-Giosy-Sain Finish Folders and english to the state of the state

INDEX 100 COLOR SLIDES for 25c with NUMBATABS

BOLSEY FADER

Save 40%. Sale Price.... \$ 350

Conway CAMERA CO.

4 Famous Stores for Fine Cameras

MOUNT WW STEREOS

It's EASY, FAST and ACCURATE with the new BROOKS-MOUNT. Whether you mount for viewer or projector, this is the perfect stereo mount. Made in 3 standard spacings with HORIZONTAL ALIGNMENT control. Designed to fit all glass mounting systems, or can be used without glass, 100 ASSORTED mounts with color coded labels in a stereo FILE BOX only \$3.50 perjad if not at your dealer. No COD. Send postcard for copy of "How To Mount Stereos for Projection".

BROOKS MFG. CO., Dept. C 1514 Aster Place Cincinnati 24, Ohio

ACE Supply Co., Box 113, Passaic, N. J.

PICK TAB

APPLY WITHOUT MOISTURE

PERMANENTLY

34 N. Clark Street

MOEVED

NUMBATABS keep your slides in sequence, right side up. Save time, embarrassment and make for a smooth, professional showing.
Available as follows in any one of five brilliant colors: red, green, blue, orange and black.

CARDS numbered 1 to 100..25c

SETS numbered 1 to 500 . \$1.25 SETS numbered 1 to 1000.\$2.50

. CARDS with 4 alphabets eq. 25c At your dealer, or sent postpaid if cash with order. Specify color.

THE SAUNDERS COMPANY PO. Box III. Rechester I. N. V.

Conway's Special of the Month. Creates variety of effects on movie film. Fade-

in, fade-out, overlap, lap dissolve. 64 basic combina-

dissolve. 64 basic combina-tions. Automatic. Fits most every movie camera. List price \$22.50.

Chicago 2, Illinois

Post-

Hollywood STAINLESS STEEL Solicers



AUTOMAT only \$7.95

10 day money back guarantee order at your local camera store or

SCHOEN PRODUCTS 5029 S. Figueroo, GARDENA, CALIF.

Makes Wonderful Christmas Gift !

Times Area Magnification Projector



- Enlarges Pictures,
- Printing, & Objects!
- Full Color! Readable!
NEW! Electric Magna-Yue Obtical Instrument projects & enlarges clippings, pictures, sketches, objects in full natages. Clippings, pictures, sketches, objects in full natages. Enlarges any materiable, Project on wall, screen or table. MAONIFIES 100
- AREAS. Enlarges any materiable. Project on wall, screen or table. MAONIFIES 100
- AREAS. Enlarges any materiable in the material of the material

Johnson Smith Co., Dept. 168, Detroit 7, Mich. Catalog of 3100 Novelties, Tricks, Photography Items, Cameras, Science Supplies, Radios, Gadgets 106

NOW ... COLOR PRINTS

21/4×31/4 __ .25 5×7 ____ 1.00 3x41/2 ____.40 8x10 ____2.00 50 Duplicate Transparencies . . . 25¢

Ansco & Ektachrome processing...perroll 1,00 (Including the new high speed Anscochrome &

FAST QUALITY SERVICE A Trial Will Convince You When ordered in quantities of five or more. You may even send different transparencies!

EACH

*4×5

ROYALE COLOR LAB

P.O. BOX 43, GLEN OAKS BR., Dept. M-12 FLORAL PARK, NEW YORK



TITLE WHILE YOU SHOOT

157 letters numerals,
figures. Never wear out.
Stick like magic. With
title boards 4 title sugSee your dealer \$295
or write direct.

Free samples & title ideas on request. CLINGTITE LETTERS 1533 Hyde Park Blvd. Chicago 15, III. Dept. M-12

10 COLOR SLIDES Bryce Canyon National Park

Ten amazingly beautiful scenes --zippy, bright colors -- a terrific Bargain set at \$1.00 postpaid.

COLOR PHOTOGRAPHY



Sale from famous FOTO GUIDE series These world famous guides are the best, lowest priced booklets on the subject. They are illustrated and compact.

ALL ABOUT Architecture Making Enlargem One Lamp Only Daylight-Indeors The Second Lamp

50¢ ea. Any 3 for \$1.00 AM-PHOTO, 33 W. 60th, New York 23, N. Y.

JUST A **FEW LEFT!**

MY EXPERIENCES IN COLOR **PHOTOGRAPHY** by Dr. Paul Wolff

Outstanding work the famous Leica specialist, including an uni-que assembly of 54 full color plates, masterful

54 full color plates, masterful printing combined with an advanced course in color photography in which Dr. Wolf makes his secret experiences and techniques known to the general public, Add 3% sales tas for N. Y. City Delicery \$10.00 AMERICAN PHOTOGRAPHIC BOOK PUB. CO., INC. 33 West 60th Street

NOT SOLLAR PRODUCTION... SPECIAL ATTENTION EACH MEGATY
OPEN, vaporated to prevent scratching. Enlarged to 3/4 x
4/2. S8 exp., glossy paper \$1.30. Double weight portrait
paper \$2.52. 20 exp., roll slessy \$1.00. — Jos esciole
nim. 36 exp., 50c. 20 exp., 40c. Write feet selection
MINICAN PHOTO LABS., LACROSSE 20. WISCONSIN

Learn NEGATIVE RETOUCHING

Now for the first time in the history of Photography you can get a complete book on Negative Refunching But How To Do IT.

Modeling & Spotting & Blending & Collecting & Prof. Retuching & Etching & Commercial & Theory of Retuching & Etching & Commercial & Theatrical Retouching.

Flus a full refund if returned in good condition in 5 days. Send for yours

beg GORE PHOTO PLAQUE CO. Bept. N. 3723 Fullerton Ave., Chicago 47, III.

the amazing DEVELO-TELL

Listing 20 common developers and 38 widely used films; this dial calculator gives you the same information you

would get from 8.360 actual gamma curves or 130,000 development time listings! Send \$1.00.

American Photographic Book Pub. Co., Inc. 33 W. 60th St., New York 23, N. Y.

IMPORTED BINOCULARS



F-117 — 10x,35 F-104 — 12x,50 F-118 — 16x,50 F-188 — 20x,50 Add 10% Fed.

LAFAYETTE RADIO Dept. ML

Automatic Daylight Developing Tank



Processes up to 200 Ft.
Smm-16mm-35mm
Hovio-X. Ray-Hildredim
Hotor Driven-Pertable
Tough plattic tanks
Uniform Beneity Asserted
70mm tank also available
Guaranteed

Micro Record Corp. 487 South Ave.

JEN-DIP SAVES YOU \$16.00



Dip your own buffs in JEN-DIP BLUE LABEL for better color shot with daylight film, indoors or out, with better results than you get from factory blue buffs or fisch shields. \$150 COATS 400 LAMPS rite for booklet J er JEN-DIP today. JEN • 417 W. 42 St. N. Y. 36





SLIDE TITLES

in COLORI

set of FOUR \$1.50 TITLES

TB1. Here We Go! TB2. Wait'll see next one. TB3. Short Intermission. TB4. This is the End. "Tex & Seite Series" FREE Illustrated List.
NEW! Custom Title Signature Series.
See your dealer or write direct. Sorry, no C 0 0"s
TITLE SLIDES, 3510 White Plains Rd., N.Y. 67, N.Y.

Classified Ads

Classified Want Ads may be inserted in MODERN PHOTOGRAPHY by any reliable individual, camera dealer, or specialty house. To avoid chance of error, submit copy typed. Terms: 50¢ a word. Each word, including each item in the address, counts as one word. Sand cash with order. 5% discount for 6 consecutive insertions. Forms close on the month.

cameras, equipment for sale

CHICAGO'S LARGEST CAMERA TRAD-ING CENTER—Cameras, lenses, accessories— pyrchased, sold, traded—by mail, new or used! OPEN EVENINGS for Chicago visitors! CHROMOPTICS, 943 N. State, Chicago 10.

DISCOUNTS 20% to 50%—Cameras, projectors, tape recorders, lenses. Write for individual quotations, no catalogs. Classified Camera A, 2375 East 65 St., Brooklyn 34, N. Y.

CANADIANS send for bargain list, new & used equipment. Simon's Camera Exchange, 11 Craig West, Montreal, Canada.

GUARANTEED LOWEST PRICES every-thing photographic. Free catalog. Dart, 3812D, Atlantic Avenue, Brooklyn 24, New York.

Atlantic Avenue, Brooklyn 24, New York.

DEALS ARE BEST AT IMPERIAL. UNMATCHED for savings and service over 10
years. Gift headquarters for photo equipment,
home movies, recorders, typewriters, watches etc.
at BIG savings. FREE new 1956 catalog. IMPERIAL ENTERPRISE, INC., 34 Park Row,
Dept. M, New York 38, N. Y.

20-40% discount cameras, photo equipment— specialization name brands. Write: EDAN FOTO SUPPLY-M 1580-40th St., B'klyn, N. Y.

Save, Buy Surplus Direct from Government at tremendous Savings, Photographic Developing Equipment & Supplies, Cameras, Hundreds others. List \$1.00. Box 169LAD East Hartford 8,

Conn.

Professional camera buyer sells wholesale as side line. 5% service fee. Full guarantee. Minimum transaction \$100 (some States price fix few items by law). References: First National Bank Colchester. Dun & Bradstreet. Bonded. State your requirement exactly in duplicate. Justin Hartley, Colchester 5, Connecticut.

SENSATIONAL discounts! Cameras, lenses, projectors. Jesse Sanchez, 323 Dahill Road, Brooklyn 18, N. Y.

projectors. Jesse Sanchez, 323 Dahill Road, BrookJyn 18, N. Y.

CAMERA: PRIVATELY OWNED. Nikon
'S" F1,4 Nikbac Ctd., immaculate, \$150.00.
George Culpepper, Holly Hill, Fla.

ARGUS C-4 35mm Camera. Excellent condition \$40.00. W. C. Micher, 4060 Walnut Grove
Road, Memphis, Tenn.

Alpa Reflex, Rolleifex MX, Robot II, all like
New, guaranteed. Write us for best Trade-in on
New Alpa, Rolleifex, Rolleicord, Robot Royal.
Panhandle Cameras. Scottsbluff, Nebr.

camera repairs

Foreign cameras: Six years with the inventor of the Contax (Zeiss) assure you 100% repairs on all foreign and domestic cameras. Internal synchronization installed on Contax, Leica, Rollei, Ikonta, etc. All work guaranteed and conscientiously done. Strauss, Photo-Technical Service, 930 "F" Street, N. W., Washington, D. C.

SPECIALISTS in Foreign and Domestic camera repairs. Lens polishing, re-cementing, re-focusing. Bellows installed. Rangefinders repaired, sync. Repairs guaranteed up to one year. Chicago Camera Specialists, 17 N. State St., Chicago 2, Illinois.

Camera repairs on still & movie cameras. Inter-nal Synch. Factory parts. Bellows made to order. Our Background of 40 years is your guarantee. C. T. Moyse & Son, 108 Fulton St., N. Y. C.

Neoprene coated curtains installed in Canon, Exakta, Foth, Korelle, Leica, Primarflex, Nicca, Nikon, B & V Camera Repair Service, 21 E. Van Buren St., Chicago 5, Ill.

CANON CAMERAS—Complete service, all models. Work guaranteed, Send camera for free estimate. International Camera Corp., 847 W. Adams, Chicago 7, Illinois.

Service all makes, Cameras, Movie equipment, Sound Projectors and Light Meters. Virginia Camera Lab. 4765 Lee Highway, Arlington 7, Va.

Va.

COMPUR, Wollensak, Graphex, Supermatic, Ilex, Leica, Prontor, Argus and Robot Shutter Repair Service a Specialty (prompt 24-hour Service). CENTRAL STATES CAMERA REPAIRS, 3116 E. Douglas, Wichita 8, Kansas.

EFFICIENT — FAST — INEXPENSIVE SERVICE on all Cameras, Movie Cameras, Binoculars, Free estimate. MODERN TECHNICAL SUPPLY, dept. MPH, 55 West 42nd St., New York 36, N. Y.

Sell what you have, fast, thru an ad in these columns! Over 200,000 ready-and-able-to-buy camera fans read these pages closely, for bargains and hard to get merchandise. Prove it to yourself with a test ad in the next issue.

wanted to buy

LENSES. Aerial Cameras, Gun Cameras (GSAP), Motion Picture Cameras, Still Cameras, Cash airmailed immediately for these and Aerial Lenses, including 6" Metrogon, 7" Aeroektars, 20" and 40" Bauseh and Lomb. Gordon Enterprises, 5362 N. Cahuenga, North Hollywood, California.

IMMEDIATE AIRMAIL PAYMENTS—Chicago's Largest Camera Trading Center offers TOP PRICES for Cameras, Lenses, Accessories in excellent condition! CHROMOPTICS, 943 N. State, Chicago 10.

Leica cameras, lenses, accessories, URGENT-LY NEEDED, cash via airmail, Altman's, 64 E. Monroe, Chicago 3, Ill.

Nikon cameras, lenses, accessories, URGENT-LY NEEDED, cash via airmail, Altman's, 64 E. Monroe, Chicago 3, Ill.

Bolex and Bell-Howell cameras URGENTLY NEEDED, cash via airmail, Altman's, 64 E. Monroe, Chicago 3, Ill.

Rolleiflex cameras, accessories, URGENTLY NEEDED, cash via airmail, Altman's, 64 E. Mon-roe, Chicago 3, Ill.

Exakta cameras, lenses, accessories, URGENT-LY NEEDED, cash via airmail, Altman's, 64 E. Monroe, Chicago 3, Ill. Linhof cameras URGENTLY NEEDED, cash via airmail, Altman's, 64 E. Monroe, Chicago 3, Ill.

Contax cameras, lenses, accessories, URGENT-LY NEEDED, cash via airmail, Altman's, 64 E. Monroe, Chicago 3, Ill.

Contaflex cameras URGENTLY NEEDED, cash via airmail. Altman's, 64 E. Monroe, Chicago 3, Ill.

Hasselblad cameras, lenses, accessories, URGENTLY NEEDED, cash via airmail, Altman's, 64 E. Monroe, Chicago 3, Ill.

man's, 64 E. Monroe, cheago 3, 111.

Canon cameras, lenses, accessories, URGENT-LY NEEDED, cash via airmail, Altman's, 64 E. Monroe, Chicago 3, 111.

HIGHEST PRICES PAID for Leica, Contax, Rolleis, Reflex, Movie Cameras, Projectors. Accamera Exchange, 136 East 58th Street, New York MP-22, N. Y.

Retina II-a and Retina III-c cameras UR-GENTLY NEEDED, cash via airmail, Altman's, 64 E. Monroe, Chicago 3, Ill.

4 x 5 Pacemaker Graphics URGENTLY NEED-ED, cash via airmail, Altman's, 64 E. Monroc, Chicago 3, Ill.

Alpa 7 cameras, URGENTLY NEEDED, cash via airmail, Altman's, 64 E. Monroe, Chicago 3, Ill.

photo finishing

No NEGATIVE? Send \$1.00 for new negative and two 5x7 enlargements, from picture, transparency, colorshiels, colorprint, polaroid, stereoframes. Your pictures converted into highest quality black and white and color projectionslides, Direct Positive film delivered and reversed Developed. Curiophoto, 1187 Jerome Ave., New York 52, N. Y.

ENLARGEMENTS, PROFESSIONAL QUALITY, individual attention given to all orders. Doubleweight Glossy, Semi-matte, Silk, Matte. 5x7, 30c; 8x10, 40c; 11x14, 80c; 16x20, \$2.00. Fine-grain negative from photo, 60c. Complete service available. Minimum order, \$1.00. Bristol Laboratories, 155 School Street, Bristol,

PHOTOMURALS from negatives, prints, transparencies. 20"x24", 83.00; 20"x30", \$3.50; 20"x40", \$4.75; 40"x60", \$9.00; 48"x72", \$1.20. Mural-grain copy negatives, \$1.00 additional. Forward orders for larger size nurals, mural mounting, sepia murals on estimate basis. Muralcraft Murals, 157 School Street, Bristol, Conn.

Bristol, Conn.

NATURAL FULL COLOR MURALS from transparencies, b&w negatives or prints. Satisfaction Guaranteed. 20"x24", \$15.00; 20"x30", \$17.50; 30"x40", \$25.00; 40"x60", \$35.00, Colorcraft Murals, 157 School Street, Bristol, Conn.

COPY NEGATIVES from any print or transparency. 30c each. Miller Photo, Holdrege, Neb.

RESTORE old, cracked, Free estimate. Photocraft School Street, Bristol, Conn. faded photographs. Restorations, 155

color photo finishing

EKTACHROME—ANSCOCHROME—35MM Processed-Mounted \$1.00. Professional Quality. National Color Corporation, Box 55, Northside Br., Atlanta 5, Georgia.

LUSTRECHROME Color Prints, Christmas Cards, Duplicates. Anscochrome, Ansco Color, Ektachrome processing. FREE COLOR TIPS BULLETIN and Price List. Color Classics Laboratories, Box 5198, Tueson, Arizona.

Ouality developing and calcarging All sing to

Quality developing and enlarging. All sizes to 16 x 20. Ansochrome and Ektachrome a specialty. Arandee, 7831 Jeffery Ave., Chicago 49, Ill.

photo supplies

ALBUMS! Wedding, Baby. Photographer and customer's names in gold. FREE catalog! Crestwood, 3601 West 71st, Kansas City, Missouri.

wood, 5001 West 71st, Kanasa City, Missouri.

PHOTO FOLDERS, easels—Send \$2.00 large
assortment. CHRISTMAS folders—Send \$1.00
beautiful selection (refundable). WEDDING
ALBUMS. Wholesale price lists. Robin Mounts,
262 W. 22nd St., New York.

Empty Metal 35mm Kodak Cartridges 15 for \$1.00. M. D. ABUHOVE, 110 S. 16th St., Phila., Pa.

movies, movie film

5,000 NEW-USED 8-16mm Silent-Sound Films. International-D, 2120 Strauss, Brooklyn

SAVE 50%! Guaranteed-fresh color, b&w movie film! 8mm, 16mm. Free catalog! ESO-G, 47th Holly, Kansas City 12, Missouri.

Free Catalog -8-16 MM Film Now available Best Rite Sales Co., PO Box 357, Times Square Station, New York 36, N. Y.

Station, New York 36, N. Y.

10,000 TITLES AT DEALER PRICES!
8mm, 16mm sound and silent movies. Terrific savings on coulpment, typewriters, gifts etc. Do all Christmas buying at Imperial! Special introductory offer—800° used sound musicals (8 subjects). Only \$5.00. FREE new 1956 Catalog and film lists. IMPERIAL ENTERPRISE, INC., 34 Park Row, Dept. M. New York 38, N. Y.

FREE! BLACKHAWK'S big sale catalog new and used 16mm., 8mm. films; 2"x2" color slides; used 16mm. sound projectors. Biggest stock in USA. Blackhawk Films, 1204 Eastin, Davenport, Iowa.

Largest selection 16mm Sound and Silent films. Unusual rare collector's subjects. Big bargain Bulletin. Specify sound or silent. Gaines, Box 114-MP, Skokie, Illinois.

KODACHROME family movies, dollar brings 8mm color (6 subjects) sampler, FILM WIZ-ARD, Hollywood 38, California.

16MM Sound—lowest rentals, sales, exchanges, 16MM Films, Box 65, Old Hickory, Tennessee.

8MM COLOR Rentals 19c. Catalogue dime. Cooper's Mart, Eaton, Ohio.

movie titles

"SURPRISE" assortment 8-MM colorful titles, \$1. Postpaid. Guaranteed. LeMoine Films, Ne-vada, Mo.

oil coloring

Oil coloring photographs can be a fascinating hobby or profitable sideline for those with artistic talent. Learn at home. Easy simplified method. Send for free booklet. National Photo Coloring School, 835 Diversey Parkway, Dept. 111C, Chicago 14.

Chicago 14.

"8 x 10 portraits oil colored, \$2.00. Rosalin Hoffman, Heim Road, Chandler, Indiana."

Special 18 x 10 Enlargement From Your Negative, Oil Colored \$1.75. Frank L. Waggoner, 2901 Sherman Ave., St. Joseph 49, Missouri.

PORTRAITS OIL COLORED, 5 x 7 1.00, 8 x 10 1.50. S. F. BROWNELL, 114-35 205th St., St. Albans 12, N. Y.

color slides

SLIDES OF THE EAST. White Mountains, Plymouth, Lexington, Cape Cod, Niagara, Ausable Chasm, Santa's Workshop, Quebec, Gaspe, Bermuda. Fall Foliage, many others. On approval at new low price. Send for catalog beautiful 2 x 2 and stereo kodachromes by Henry Cobb Shaw, 8-2 Bosworth St., Boston 8, Mass.

8-2 Bosworth St., Boston 8, Mass.

150,000 SLIDES in stock insures quick delivery. Production by Captain Arps, U. S. Navy, retired, insures satisfaction. Description of scene on each slide makes constant reference to catalog unnecessary. Send 6c (stamps) for new 48 page catalog United States, Canada, Mexico. If interested in other foreign countries, mention countries and add 3c, as these are separate lists. Worldwide coverage, RoLoc, Box 1715, Washington 13, D. C.

BEAUTIFUL COLOR SLIDES 10c each. Send dime for sample and latest issue "Slide News". SLIDE SUPPLY, Box 1031, Canton, Ohio.

Ohio.

20 Beautiful colored slides \$1.00. Sample, catalog 20c. Over twenty million sold! Sanford Company, Perry, Ohio. (Established 1941.)

ANTIQUE AUTOMOBILE Color Slides, 2x2. Illustrated catalog FREE. Universal Slide Co., box 779T, Beverly Hills, Calif.

"Alaska Big Game" in color. Closeups of live game and all Alaska subjects. Free catalog, over 400 2x2 slides. Special—12 game slides, airmail, \$5.00. Northern Color Film Co., Box 12, Cooper Landing, Alaska.

Detroit, Mackinac Island, Soo Locks, Okefenokee Swamp, Cypress Gardens. Color slides in sets 8 for \$1.95. Free catalog. Hiawatha Card, Ypsilanti, Mich.

COLORSLIDES, Travel, nature, etc. Free list. Sample 30c. Kelly M. Choda, P. O. Box 588, Stanford, California.

Stanford, California.

COLOR SLIDES Domestic and Foreign largest selection. Write for FREE SAMPLE and Catalog. SLIDES, Gardena, California.

Sample 25c. 10, \$1.10. HOPSON, 2524 Sichel St., Los Angeles 31, Calif.

Three slides or stereos \$1.00. Free catalog. Movies. Hollyslides, 5880A Hollywood, Hollywood 28, Calif.

BEAUTIFUL scenic slides. Ask for lists by specific countries, also approval plan. Eulo Color, Box 178, Denver 1, Colorado.

Box 178, Denver 1, Colorado.

SCENIC America by CHROMASLIDES, A collection of really outstanding travel slides, Catalog and SAMPLE, 10c. CHROMASLIDES, M512, Box 325, Alexandria, Virginia.

Ten Colorslides \$1.00. Choice Hawaii, Alaska, Mexico, Japan. EDDINGS, Corning R-3, N. Y. FLORIDA, Yucatan. Sample 30c. H-GFOTOS, 1205 Southwest 35th Avenue, Miami, Florida.

ORIGINALS—SHENANDOAH National Park, 50c, STEREO 75c. Royalpix MD, Front Royal, Va.

Royal, Va.

LARGE APPROVAL GROUPS, WESTERN
NATIONAL PARKS, our specialty. Canada,
Mexico. Name area, select KODACHROMES
from our approvals; or order from catalog, listing
dozens from each Park. Douglas Whiteside, Yosemite, California.

TITLE COLOR SLIDES. Welcome—Good Night—Intermission—Stop Yawning. Four slides \$1.00. Illustrated Catalog FREE. Universal, Box 779M, Beverly Hills, Calif.

Antique Autos, Covered Bridges, Locomotives, etc. Scenic New England. Weldon Color Slides, Monson, Mass.

hypnotism

FREE Illustrated Hypnotism, Self Hypnosis, Catalogue. Write: Hypnotist, 1324 Wilshire, Hollywood 17MP, California.

FREE LITERATURE: Hypnotism, Auto-hypnosis, Mechanical hypnosis. Revealed by scientist. Hypni, Box 6097, Oklahoma City, Okla-

photos, b & w slides

2x2 SLIDES from any size negative. Mounted. 15c each. Miller Slide Service, Holdrege, Neb. TRANSPARENCIES; 35mm mounted 7c. Optical reductions mounted 13c. Kirwin Slidefilm Laboratory, Crystal Lake 1, Illinois.

2x2 B&W MOUNTED slides, From Any Size Negative, 15c. Slide Service, Box 123, Fredonia, Kansus.

B&W SLIDES from your negatives, any size-amateur, medical, industrial. 24-hour service. Write Thirty-five Slides, Green Mt. Falls, Colo. COLORSLIDES from your own kodacolor-prints. 50c. Curiophoto, 1187 Jerome Ave., New York 52.

LATEST MOVIE STAR Photos, Marilyn Monroe, Jane Russell, etc. Sample photo 10c. Helen Forman, Call Box #4, Watervliet, New York.

2 x 2 slides from any size negative, 15c . . . Quality work, satisfaction guaranteed. Projection Slide Service, Box 236, Waukesha, Wisconsin.

stereo photography

STEREO, KODACHROME ORIGINALS of scenic HAWAII. Duplicates of latest sensational volcanic eruption. Free illustrated brochure. Hawaiian Stereos, P. O. Box 2874, Honolulu,

ORIGINAL KODACHROME STEREOS.
Gorgeous mountain scenics. Sample 50c. List free.
Will C. Minor, Fruita, Colorado.

schools and instructions

CAMERA REPAIRMEN greatly needed! You can learn manufacturers' service methods at home, in your spare time! FREE, big illustrated book tells how! Write today, NATIONAL CAMERA REPAIR SCHOOL, Dept. G-12, Englewood,

PHOTOGRAPHY FOR PLEASURE or profit. Learn at home Practical basic training. Long established school. Free booklet. American School of Photography, 835 Diversey Parkway, Dept.

2123, Chicago 14.

Oil coloring photographs can be a fascinating hobby or profitable sideline for those with artistic talent. Learn at home. Easy simplified method. Send for free booklet. National Photo Coloring School, 835 Diversey Parkway, Dept. 1116, Chi-

exposure meter repairs

EXPOSURE METER REPAIRS conscientiously done. Speedy Service. Strauss Photo-Technical Service, 930 "F" Street, N.W., Washington 4, D. C.

business opportunities

Envelopes addressed accurately, reasonably. Fast service. We have capable addressers in your city. GLENWAY SYSTEM, 5713 Euclid, Cleveland 3, Ohio.

\$70 weekly—home, spare time. Simplified mail bookkeeping. Immediate income—easy! Auditax, 34757AFS, Los Angeles 34.

Got a camera? Get \$50 extra Saturdays. Free details, A. Warco's 2689B, Coolidge, Oakland 1, California

California.

WHOLESALE Catalog! 30-80% Discounts!
Appliances, Musical Instruments, Typewriters,
Phonographs, Watches, Jewelry, Recorders,
Housewares, etc. Consolidated Distributors, 21-76
Lafayette, Paterson 15, New Jersey.

ADDRESS ENVELOPES FOR ADVERTISERS! Instruction Manual \$1. Sterling, Great
Neck 94, N. Y.

clinics

LATEST METHODS treating Piles, Fistula, Colon-Stomach disorders. Write for free book. McCleary Clinic and Hospital, E-144, Excelsior Springs, Mo.

miscellaneous

WE EXPOSE, you develop. 120 film. Not copies. One roll \$3.00, two rolls \$5.00. Diamond, 716 Wilshire Blvd., Santa Monica, California.

BIZARRE Book Service, 40 East 23rd Street, New York 10, N. Y. Dept. 115. Specialists in Out-Of-Print books. Collectors; write, indicate title, author or subjects desired. Send self-adressed, stamped envelope for reply.

FREE LANCERS! Sell your photos to the huge house organ field. 3,000 company publications buy! Payment from \$10 to \$100 for single photo-and-captions. Free information. Gebbie Press Photos, 19 E. 48, N. Y. C. 17.

LEOTARDS, Bikinis, costumes. Send \$1.00 for actual photos. Stan Stanton, Liberty 1, New York.

PLEASING! PROFITABLE!—"Colorful Portraits (From Your B&W)—Inexpensively!" Illustrated—\$1.00 (Refundable). Free brochures. Dorsephoto, Ojai, California.

Got a camera? Get \$50.00 extra Saturdays. Free details. C. Warco's, 2689C Coolidge, Oakland 1, California.

You develop 120—\$3, 35mm—\$4. Sample prints, color slides, details, \$2. Gift with order \$5 or more. Be admitted. Photographer's Il pass cards and decals, \$1. Filac Products, 234 So. Broadway, Rm. 254M, Los Angeles 10, Calif.

Pre-Recorded Tape Music, Professionally produced. Catalog. Efsco, 270B, Concord, West Hempstead, N. Y.

SHUTTERBUGS! 1956 PIN-UP CALEN-DAR! (All 12 Pin-Up Costumes Available, Prices Furn.) Big Selection: Bikinis, Swim Suits, Pin-Up Costumes, Accessories, Portrait Drapes, etc. Finest Quality. New Pictorial Catalog \$1.00°. (*applies on Merchandise.) Maurcen of Holly-wood, 128 S. Alvarado, Dept. 5, Los Angeles 57, Caté

Calif.

20 WALLET SIZE PHOTOS \$1.00! Send any size original. Guaranteed. World Photo, Box 8133, Kansas City, Missouri.

Picture Post Cards Made From Your Photograph. 1000 \$11.00. Raum's, 4154 Fifth Street, Philadelphia 40.

ALBUMS, folders, model releases, everything photographic. The Studio, Box 1143, Santa Barbara, California.

HOW TO SELL A PICTURE!

By R. M. Gray

. . . Ever take a picture you thought was "terrific"-wanted to sell it . . . but didn't know how or where?

Sure you have, haven't we all? Well, it's not as tough as you might think. There are two terrific books out on the subject, and, just by chance, I can tell you where to get them. But first, let me tell you about them.

The first is "How To Make Money In Photography," by Eugene M. Hanson . . a man who really knows his stuff.

He covers over 40 different fields-from babies to churches . . and he's had experience in all of them. "Read the book and go out and make money. says the World-Telegram.



. . It's such a terrific buy at \$4.50 that thousands of copies were sold before publication.

The other book, "Where & How To Sell Your Pictures," is also written by a guy who should know . . . A. Ahlers has been buying and selling pictures since Hector was a pup. He tells you what kinda pictures editors want-how to

submit-caption-and copyright them . . . and gives almost 1000 names, addresses and requirements of picture buyers. . . . The Journal-American calls it "The key to success-

AHLERS ful picture selling." . \$1.95 brings you the most complete book ever published.

As it happens, I work for the folks who publish them both . . . so, if you will just drop me a note (along with your check) I'll be glad to send one or both along to you. (Please add 3% tax if you are in N. Y. C.)

If you don't like the books, just return them within 5 days for refund or exchange and as a bonus-I'll send you a free catalog of over 600 photographic books . . . R. M. Gray, Amphoto, 10th Floor, 33 W. 60th Street, N. Y. 23, N. Y.

NEW!

Revere 38

16 MM MAGAZINE TURRET CAMERA

Sensational angled turret accepts all lenses from extreme wide angle to 6 X telephoto.

Positive objective view-finders.

With WOLLENSAK 1" i/2.5 Normal Cine Raptar
Wocoted Lens in Fixed Focus, tax included, \$169.50

See it today at your nearest Revere dealer.

IN PURSUIT OF HAPPINESS REVERE ADDS TO YOUR PLEASURE

G-E

FOR



CHRISTMAS CARD OR MOVIE SHOTS ARE EASY WITH EXCLUSIVE FEATURES OF G-E METERS TO HELP YOU GET EXACT EXPOSURE SETTINGS.

Over and over, you get better pictures easier with exclusive features of G-E Exposure Meters

G-E Mascot* Exposure Meter



AIM MASCOT meter at scene. Needle points directly to correct exposure set-ting. New General Electric Mascot meter is ideal for color slides, movies, stereo.

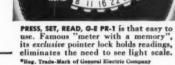


SET CAMERA at same number G-E Mascot meter shows on dial. You're ready to shoot perfect pictures every time. It's the one-step exposure meter that pays for itself in film saved.



NEW LOW PRICE makes G-E Mascot a great value. Compact, sturdy, it's the meter everyone can use. Ideal gift. At photo dealers everywhere only \$14.95t. Handy new leather field case \$2.00t

G-E PR-1 **Exposure** Meter





INDOORS AND OUT, automatic range shift found only on General Electric PR-1 adjusts meter to high or low light values for extreme accuracy; expanded scale assures high sensitivity.



COMPLETE METER, the PR-1 measures incident or reflected light for movies, stills, color, black and white. A superb gift. At your photo dealer's \$32.50.†

Progress Is Our Most Important Product

GENERAL (SE ELECTRIC



PERFECT GIFTS FOR PICTURE-TAKERS:

General Electric Mascot and PR-1 exposure meters. For more information write General Electric Company, Section A583-7, Schenectady 5, N.Y.

This Christmas give movies

You'll find your Kodak dealer has an unusual and just-right movie gift for someone special on your list—at just the price you want to pay. Ask him about small down payments, easy terms





Complete movie outfit for under \$100

Everything to make and show home movies—Brownie Movie Camera f/2.7, Brownie Movie Projector f/1.6, and preview screen—all at a price that makes this outfit an ideal family gift.

Brownie Movie Outfit, 8mm. . \$9950 Camera alone, \$37.50 Projector only, \$62



New...versatile

Triples the fun of 8mm movie making ... makes possible a variety of exciting effects, Handy revolving turret lets you flick additional lens elements into place for wide-angle or telephoto shots. Camera complete—nothing else to buy!

Brownie Movie Camera, Turret //1.9... \$7950



For those new parents

Kodak's brand-new Medallion uses inexpensive 8mm film, yet its movies can be projected up to 5 feet wide! Loads with quickly interchangeable factoryloaded film magazines. Fast f/1.9 lens; close-up focusing; 4 speeds including slow motion; accepts auxiliary lenses,

Cine-Kodak Medallion 8 Camera.... \$1445



For the BIG-movie man

The Royal's superb f/1.9 Ektar Lens makes 16mm movies with over-all definition and color purity, even when projected 10 feet wide! Convenient 3-second magazine loading. 3 speeds.

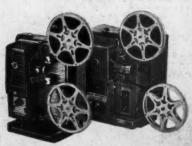
Cine-Kodak Royal Magazine Camera... \$16950

Prices include Federal Tax and are subject to change without notice



For serious movie makers

Kodak's outstanding, new K-100 has many unique special-effect features: 25mm Ektar II f/1.9 Lens or ultra-fast f/1.4—and you can substitute wide-angle or telephoto lenses, each with matching finder; takes 100-foot 16mm rolls; runs 40 feet at a winding; 5 speeds.



For brilliant movie shows

Fast f/1.6 lens, powerful lamp show all 8mm movies extra bright up to 5 feet wide—forward, reverse, "stills."

New Cine-Kodak Showtime 8 Projector . . \$115

To show 16mm movies up to 10 feet across with color purity, definition. Kodascope Royal Projector...

\$240

Eastman Kodak Company, Rochester 4, N. Y.

Kodak

